100-7055-7055-127-mirmax05:-rapm

GenCore version 5.1.6 Copyright (c) 1993 - 2005 Compugen Ltd.

OM protein - protein search, using sw model

September 10, 2005, 01:09:25; Search time 480 Seconds (without alignments) 12.167 Million cell updates/sec Run on:

US-10-795-795-12 26

Title: Perfect score:

1 LDNFS 5 Sequence:

Scoring table:

BLOSUM62 Gapop 10.0 , Gapext 0.5

6959266 segs, 1168006243 residues Searched:

Total number of hits satisfying chosen parameters:

Minimum DB seq length: 5 Maximum DB seq length: 5

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

•• Database

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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13-619-20 Sequence 2, 33-619-20 Sequence 2, 33-619-31 Sequence 14, 8928-146 Sequence 14, 8928-146 Sequence 14, 8928-146 Sequence 14, 324-513-4 Sequence 14, 324-512-4 Sequence 5, 324-5 Sequence 5, 324-5 Sequence 5, 321-289-897 Sequence 5, 311-289-897 Sequence 6, 311-289-897 Sequence 6, 311-289-897 Sequence 6, 311-383-6325 Sequence 7, 321-383-6325 Sequence 6, 311-383-6325 Sequence 6, 311-383-632	78		61.5	r) n	4º 1	US-08-067-523-4	
13-619-31 Sequence 31 8-928-146 Sequence 14 8-928-146 Sequence 14 134-406-12 Sequence 4 134-406-12 Sequence 5 134-30-243-5 Sequence 5 109-243-5 Sequence 5 109-243-5 Sequence 5 109-243-5 Sequence 5 106-869-1725 Sequence 1 131-289-897 Sequence 6 111-983-2485 Sequence 6 111-983-2485 Sequence 6 111-983-2485 Sequence 6 111-983-11986 Sequence 7 111-983-11986 Sequence 7 111-983-11986 Sequence 1 111-983-11986 Sequence 1 112-983-647 Sequence 1 113-983-647 Sequence 1 113-983-647 Sequence 1 113-983-648 Sequence 1 113-983-648 Sequence 1 113-983-648 Sequence 1 113-983-11986 Sequence 1	30		61.5	n un	n vo	US-08-10/-///-5 US-08-233-619-20	
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ALIGNMENTS JIT 1 G. 795-795-12 SQUENCE 12, Application US/10795795 SWERAL INFORMATION: REPLICANT: Cleveland State University REPLICANT: Cleveland State University REPLICANT: Kalafatis, Michael REPLICANT: Mann, Kenneth G. REPLICANT: Mann, Kenneth G. TILE REFERENCE: 27433/04004 THERETRENCE: 2002-03-19	4 4 5		61.5 61.5	ഗഗ	27	US-10-111-983-6325 US-10-111-983-11986	
ULT 1 0-795-795-12 equence 12, Application US/10795795 equence 12, Application US/10795795 squence 12, Application US/10795795 squence 12, Application US/10795795 squence 12, Application Iniversity RPLICANT: Cleveland State University RPLICANT: Kalafatis, Michael RPLICANT: Kalafatis, Michael RPLICANT: Kanneth G. RPLICANT: Mann, Kenneth G. RPLICANT: Mann, Kenneth G. URRENT APPLICATION NUMBER: US/10/795,795 URRENT APPLICATION NUMBER: US/10/795,795 URRENT FILING DATE: 2004-03-09 RRIOR PILING DATE: 2002-03-19 UMBER OF SEQ ID NOS: 17 LENGTHARE: Patentin version 3.1 LENGTH: 5 LENGTH: 5 CONTANTE: PATE: CONTANTE						ALIGNMENTS	
RABEAL INFORMATION: RABERAL INFORMATION: RAPLICANT: Cleveland State University APPLICANT: Kalafatis, Michael APPLICANT: Mann, Kenneth G. IITLE OF INVENTION: Thrombin Generation Inhibitor IITLE REFERENCE: 2743/0404 CURRENT APPLICATION NUMBER: US/10/795,795 CURRENT FILING DATE: 2004-03-08 NUMBER OF SEQ ID NOS: 17 SOUTH OF INVENTION OF SEQ ID NOS: 17 ENTRY RAPELICATION NUMBER: US/09/911,129B NUMBER OF SEQ ID NOS: 17 ENTRY REPER PRICE OF SEQ ID NOS: 17 LENGTH SET SECOND OF SEQ ID NOS: 17 LENGTH SET SECOND OF SEQ ID NOS: 17 LENGTH: 5 CONTANTON: USANCE CONTANT OF SECOND OF SECON	ULT 1 10-795	5-795-1	2 8			200	
APPLICANT: Kalafatis, Michael APPLICANT: Kalafatis, Michael APPLICANT: Mann, Kenneth G. TITLE OF INVENTION: Thrombin Generation Inhibitor FILE REFERENCE: 27433/04004 FILE REFERENCE: 27433/04004 CURRENT FILING DATE: 2004-03-08 FRIOR APPLICATION NUMBER: US/09/911,129B PRIOR PILING DATE: 2002-03-19 PRIOR PILING DATE: 2002-03-19 SOFTWARE: PatentIn version 3.1 EQ ID NO 12 LENGTH: 5 LENGTH: 5 CONTANTOM: Unit Contained	ENERAL APPLIC	INFOR	MATION: levelan	d State	3 5	lversity	
ITILE OF INVENTION: Thrombin Generation Inhibitor CURRENT APPLICATION WINBER: US/10/795,795 CURRENT APPLICATION NUMBER: US/10/795,795 CURRENT FILING DATE: 2004-03-09 PRIOR PILING DATE: 2002-03-19 NUMBER OF SEQ ID NOS: 17 SQ ID NO 12 LENGTH: 5 LEN	APPLIC APPLIC	ANT:	Kalafat Mann K	is, Mic	hae		
79 898	TITLE	OF INV	ENTION:	Thromb	in.	Jeneration Inhibitor	
	URREN	T APPL	ICATION	NUMBER	Ď,	79	
RIOR FILING DATE: 2002-03-19 UMBER OF SEQ ID NOS: 17 OFTWARE: PatentIn version 3.1 LENGTH: 5 LENGTH: 5	URREN	T FILL APPLIC	NG DATE ATION N	:: 2004 IUMBER:	-03 us/sn		
OFTWARE: Patentin version 3.1 (O ID NO 12 LENGTH: 5 CONTROL OF CON	RIOR	FILING	DATE:	2002-03	-19		
10 ID NO 12 LENGTH: 5 Tybe: PRT Operation: However and American	OFTWA	ARE: Pa	tentin	version			
TYPE: PRT	EO ID	NO 12					
	TYPE:	PRT					

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US-10-112-425-13

Sequence 13. Application US/10712425

SERERAL IRFORMATION:

APPLICANT: HES, FRANK D.

APPLICANT: HES, FRANK D.

APPLICANT: HIVENCY XUN

TITLE OF INVENTION: PROTEONE EPITOPE TAGS AND METHODS OF USE THEREOF IN PROTEIN

TITLE OF INVENTION: PROTEONE EPITOPE TAGS AND METHODS OF USE THEREOF IN PROTEIN

TITLE OF INVENTION: MODIFICATION ANALYSIS

TITLE OF INVENTION: MODIFICATION ANALYSIS

FRICKENT FILING DATE: 2002-01-11-33

PRIOR PILING DATE: 2002-05-10

PRIOR FILING DATE: 2002-00-01

PRIOR PILING DATE: 2002-01-01

PRIOR PILING DATE: 2002-01

PRIOR PILING DATE: 2002-01-01

PRIOR PILING DATE: 2002-01-01
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Pred. No. 6.4e+06;
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PRIOR FILING DATE: 2002-07-01
PRIOR APPLICATION NUMBER: 60/393,223
PRIOR FILING DATE: 2002-07-01
PRIOR PRILING DATE: 2002-07-01
PRIOR APPLICATION NUMBER: 60/430,948
PRIOR FILING DATE: 2002-12-04
PRIOR APPLICATION NUMBER: 60/433,319
PRIOR APPLICATION NUMBER: 60/393,137
PRIOR PILING DATE: 2002-07-01
NUMBER OF SEQ ID NOS: 614
SEQ ID NO 13
: TENNAME: PALENTIN VERSION 3.2
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Conservative
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Best Local Similarity 75.0
Matches 3; Conservative
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Matches 3; Conservat
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US-10-712-425-13
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GENERAL INFORMATION:
APPLICANT: Hee, Frank D.
APPLICANT: Chan, John W.
APPLICANT: Chan, John W.
APPLICANT: Chan, John W.
APPLICANT: Chan, John W.
APPLICANT: Bandovic, Stephen J.
TITLE OF INVENTION: UNTOUE RECOGNITION SEQUENCES AND METHODS OF USE THEREOF IN
TITLE OF INVENTION: PROTEIN ANALYSIS
TITLE OF INVENTION UNMBER: US/10/436,549
CURRENT FILING DATE: 2003-05-12
PRIOR APPLICATION NUMBER: 60/393,233
PRIOR FILING DATE: 2002-07-01
PRIOR PILING DATE: 2002-07-01
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                                                               Query Match

100.0%; Score 26; DB 33; Length 5;
Best Local Similarity 100.0%; Pred. No. 6.4e+06;
Matches 5; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: MORA Mariarosa
APPLICANT: PIZZA Mariarosa
APPLICANT: PIZZA Mariagrazia
APPLICANT: PIZZA Mariagrazia
APPLICANT: RAPPUOLI Rino
APPLICANT: RATUI Giulio
APPLICANT: SCARLATO Vincenzo
APPLICANT: SCARELIM Maria
TITLE OF INVENTION: NEISSERIAL ANTIGENIC PEPTIDES
FILE REFERENCE: 2300-1654 (PPO1654.003)
CURRENT APPLICATION NUMBER: US/10/111,983
CURRENT PELICATION NUMBER: US-60/162616
PRIOR FILING DATE: 1999-10-29
NUMBER OF SEQ 1D NOS: 37764
SOFTWARE: SeqWin99, version 1.02
SEQ 1D NO 34994
                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 33494, Application US/10111983 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GRANDI Guido
MASIGNANI Vega
MORA Mariarosa
PIZZA Mariagrazia
RAPPUOLI Rino
RATTI Giulio
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: CHIRON SpA
APPLICANT: GALEOTTI Cesira
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
Matches 3; Conserv
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APPLICANT: LEUNG, FREDERICK C.
APPLICANT: LEUNG, FREDERICK C.
APPLICANT: PEIRLS, JOSEPH S. M.
APPLICANT: WOOK YUNG
APPLICANT: POON, LIT MAN
APPLICANT: CHAN, KWOK HUNG
APPLICANT: OF INVENTION: A HIGH-THROUGHPUT DIAGNOSTIC ASSAY FOR THE HUMAN VIRUS
TITLE OF INVENTION: A HIGH-THROUGHPUT DIAGNOSTIC ASSAY FOR THE HUMAN VIRUS
FILE REPERENCE: V9661.0077
CURRENT APPLICATION NUMBER: US/10/807,807A
CURRENT FILING DATE: 2004-03-24
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PRIOR APPLICATION NUMBER: 60/459,931
PRIOR FILING DATE: 2003-04-02
PRIOR PLING DATE: 2003-04-03
PRIOR PLING DATE: 2003-04-03
PRIOR PLING DATE: 2003-04-03
PRIOR APPLICATION NUMBER: 60/461,265
PRIOR APPLICATION NUMBER: 60/462,805
PRIOR PILING DATE: 2003-04-14
PRIOR PILING DATE: 2003-04-14
PRIOR PLING DATE: 2003-04-23
PRIOR PLING DATE: 2003-04-25
PRIOR PLING DATE: 2003-04-25
PRIOR APPLICATION NUMBER: 60/465,738
PRIOR APPLICATION NUMBER: 60/405,738
PRIOR PILING DATE: 2003-04-25
PRIOR PILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 2487
SEQ ID NO 2261
LENGTH: 5
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PRIOR APPLICATION NUMBER: 60/457,031

PRIOR PILING DATE: 2003-03-24

PRIOR PILING DATE: 2003-03-26

PRIOR PILING DATE: 2003-04-02

PRIOR PILING DATE: 2003-04-02

PRIOR PILING DATE: 2003-04-02

PRIOR PILING DATE: 2003-04-02

PRIOR PILING DATE: 2003-04-03

PRIOR PILING DATE: 2003-04-04

PRIOR APPLICATION NUMBER: 60/461,265

PRIOR PILING DATE: 2003-04-14

PRIOR PILING DATE: 2003-04-15

PRIOR PILING DATE: 2003-04-25

PRIOR PILING DATE: 2003-05-14

NUMBER OF SEQ ID NOS: 2487

SEQ ID NO 2261

LENGTH: 5
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Best Local Similarity 75.0
Matches 3; Conservative
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                                                                                                                                                                                                                                                                                       ##PRICANT: LEE, FRANK D.

##PRICANT: AFELY RANK D.

##PRICANT: AFELY RANK D.

##PLICANT: AFELYAN, NOUBAR B.

##PLICANT: AFELYAN, NOUBAR B.

##PLICANT: AFELYAN, NOUBAR B.

##PLICANT: AFELYAN, NOUBAR B.

##PLICANT: MOUSE EDITOR TAILOR DATE: DO3-010

##PLICANTION NUMBER: 10/712,425

##ROR PELICATION NUMBER: 10/712,425

##ROR PELICATION NUMBER: 10/712,425

##ROR APPLICATION NUMBER: 60/339,626

##ROR APPLICATION NUMBER: 60/339,626

##ROR APPLICATION NUMBER: 60/339,137

##ROR PELING DATE: 2002-05-01

##ROR PELING DATE: 2002-07-01

##ROR PELING DATE: 2002-07-
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APPLICANT: PEIRIS, JOSEPH S. M.
APPLICANT: PEIRIS, JOSEPH S. M.
APPLICANT: TUBN, KWOK YUNG
APPLICANT: GUAN, YI
APPLICANT: GUAN, XI
APPLICANT: GUAN, XI
APPLICANT: CHAN, KWOK HUNG
APPLICANT: CHAN, KWOK HUNG
APPLICANT: CHAN, KWOK HUNG
APPLICANT: CHAN, KWOK HUNG
APPLICANT: OCHNUS A HIGH-THROUGHDUT DIAGNOSTIC ASSAY FOR THE HUMAN VIRUS
TITLE OF INVENTION: A HIGH-THROUGHDUT DIAGNOSTIC ASSAY FOR THE HUMAN VIRUS
TITLE OF INVENTION: A HIGH-THROUGHDUT DIAGNOSTIC ASSAY
TITLE OF INVENTION: CAUSING SEVERE ACUTE RESPIRATORY SYNDROME (SARS)
CURRENT PILING DATE: 2004-03-24
FRIOR RILING DATE: 2003-03-24
PRIOR FILING DATE: 2003-03-26
PRIOR FILING DATE: 2003-03-26
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Pred. No. 6.4e+06;
1; Mismatches 0; Indels
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                                                                                                                                                                                           Sequence 13, Application US/10773032
GENERAL INFORMATION:
APPLICANT: LEE, FRANK D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      73.1%;
75.0%;
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US-10-773-032-13
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Best Local Similarity
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Matches

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Gaps

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GENERAL INFORMATION:
APPLICANT: PEIRIS, JOSEPH S. M.
APPLICANT: PEIRIS, JOSEPH S. M.
APPLICANT: POUN, KWOK YUNG
APPLICANT: CHAN, YI
APPLICANT: CHAN, YI
APPLICANT: CHAN, YI
APPLICANT: CHAN, KWOK HUNG
APPLICANT: CHAN, KWOK HUNG
TITLE OF INVENTION: A DIAGNOSTIC ASSAY FOR THE HUMAN VIRUS CAUSING SEVERE ACUTE
TITLE OF INVENTION: A DIAGNOSTIC ASSAY FOR THE HUMAN VIRUS CAUSING SEVERE ACUTE
TITLE OF INVENTION: A DIAGNOSTIC ASSAY FOR THE HUMAN VIRUS CAUSING SEVERE ACUTE
TITLE OF INVENTION: A DIAGNOSTIC ASSAY FOR THE HUMAN VIRUS CAUSING SEVERE ACUTE
TITLE OF INVENTION: A DIAGNOSTIC ASSAY FOR THE HUMAN VIRUS CAUSING SEVERE ACUTE
TITLE OF INVENTION: A DIAGNOSTIC ASSAY FOR THE HUMAN VIRUS CAUSING SEVERE ACUTE
TITLE OF INVENTION NUMBER: 60/457, 331
PRIOR FILING DATE: 2003-03-24
PRIOR FILING DATE: 2003-04-03
PRIOR FILING DATE: 2003-04-03
PRIOR FILING DATE: 2003-04-04
PRIOR PELLOR NUMBER: 60/462, 805
PRIOR PELLOR NUMBER: 60/464, 886
PRIOR PELLOR NUMBER: 60/471, 200
PRIOR PELLOR NUMBER: 60/464, 886
PRIOR PELLOR NUMBER: 60/471, 200
PRIOR PELLOR NUMBER: 60/471, 200
PRIOR PELLOR NUMBER: 60/471, 200
PRIOR PELLOR NUMBER: 60/464, 886
PRIOR PELLOR NUMBER: 60/471, 200
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
73.1%; Score 19; DB 34; Length 5;
Best Local Similarity 75.0%; Pred. No. 6.4e+06;
Matches 3; Conservative 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                ; TYPE: PRT
; ORGANISM: Human severe acute respiratory syndrome virus
US-10-808-121A-2261
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; TYPE: PRT
; ORGANISM: Human severe acute respiratory system virus
US-10-808-187-2261
                    PRIOR FILING DATE: 2003-04-02
PRIOR PLING DATE: 2003-04-03
PRIOR PLING DATE: 2003-04-03
PRIOR APPLICATION NUMBER: 60/461,265
PRIOR PILING DATE: 2003-04-08
PRIOR FILING DATE: 2003-04-23
PRIOR FILING DATE: 2003-04-23
NUMBER OF SEQ ID NOS: 2470
SOFTWARE: PATENTIN VET: 3.2
SEQ ID NO 2261
TENGRALIS
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APPLICANT: PEIRIS, JOSEPH S. M.
APPLICANT: PUEN, KWOK YUNG
APPLICANT: POON, LIT MAN
APPLICANT: POON, LIT MAN
APPLICANT: CHAN, KWOK HUNG
APPLICANT: CHAN, KWOK HUNG
APPLICANT: CHAN, KWOK HUNG
APPLICANT: OF INVENTION: NUMBLE HUMAN VIRUS CAUSING SEVERE ACUTE RESPIRATORY SYNDROWE
TITLE OF INVENTION: NUMBER: US 104-03-24
PRIOR APPLICATION NUMBER: US 104-03-24
PRIOR PILING DATE: 2003-03-24
PRIOR PILING DATE: 2003-03-24
PRIOR PILING DATE: 2003-04-02
PRIOR PELICATION NUMBER: 60/457,730
PRIOR PELICATION NUMBER: 60/469,931
PRIOR PILING DATE: 2003-04-02
PRIOR APPLICATION NUMBER: 60/460,357
PRIOR PELING DATE: 2003-04-08
PRIOR PELING DATE: 2003-04-08
PRIOR PELING DATE: 2003-04-08
PRIOR PELING DATE: 2003-04-03
PRIOR PELING DATE: 2003-04-23
NUMBER OF SEQ ID NOS: 2470
SOFTWARE: PETENTING VALUE: 2003-04-23
NUMBER OF SEQ ID NOS: 2470
SOFTWARE: PETENTING VALUE: 2003-04-23
LENGTH: ENERGY PETENTING VALUE: 2003-04-23
NUMBER OF SEQ ID NOS: 2470
SOFTWARE: PETENTING VALUE: 2003-04-23
LENGTH: ENERGY PETENTING VALUE: 2003-04-23
NUMBER OF SEQ ID NOS: 2470
SOFTWARE: PETENTING VALUE: 2003-04-23
LENGTH: ENERGY PETENTING VALUE: 2003-04-23
NUMBER OF SEQ ID NOS: 2470
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                           Score 19; DB 34; Length 5;
Pred. No. 6.4e+06;
1; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; ORGANISM: Human severe acute respiratory system virus US-10-808-121-2261
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                                                                                                                                                                                                                                                                                                                              RESULT 8
US-10-808-121-2261
; Sequence 2261, Application US/10808121
; GENERAL INFORMATION:
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                               73.1%;
75.0%;
Query Match
Best Local Similarity 75.vv
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Best Local Similarity 75.0
Matches 3; Conservative
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DNFA 5
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Gaps

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Sequence 905, Application US/09855604A

Sequence 905, Application US/09855604A

GENERAL-INFORMATION:
APPLICANT: GROUDEL, BRIGITTE
APPLICANT: LIM, NG-MONG
APPLICANT: LIM, NG-MONG
APPLICANT: LIM, NG-MONG
APPLICANT: GUIGUENO, AGNES
APPLICANT: GUIGUENO, NGCO-01000
CURRENT FILING DATE: 2001-05-16
BRIOR FILING DATE: 2001-05-16
BRIOR FILING DATE: 2000-02-14
BRIOR FILING DATE: 2000-02-14
BRIOR FILING DATE: 2000-02-14
BRIOR FILING DATE: 2000-02-14
BRIOR APPLICATION NUMBER: PCT/FR98/01813
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                              0; Indels
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Pred. No. 6.4e+06;
Pred. No. 6.4e+06;
1; Mismatches 0
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100.0%; Pred. No. ...
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APPLICATION NUMBER: FR 97 10404
FILING DATE: 1997-08-14
APPLICATION NUMBER: FR 97 11325
     75.08;
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  Best Local Similarity 75.0
Matches 3; Conservative
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Best Local Similarity
                                                                                                                |||:
DNFA 5
                                                                                  2 DNFS 5
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                                                                                                              GENERAL INFORMATION:
APPLICANT: PERRIS, JOSEPH S. M.
APPLICANT: PERRIS, JOSEPH S. M.
APPLICANT: TUEN, KWOK YUNG
APPLICANT: POON, LIT NAN
APPLICANT: GOON, LIT NAN
APPLICANT: GOON, LIT NAN
APPLICANT: GUAN, WOK HUNG
APPLICANT: NICHOLLS, JOHN
ITLE OF INVENTION: A DIAGNOSTIC ASSAY FOR THE HUMAN VIRUS CAUSING SEVERE ACUTE
ITLE OF INVENTION: RESPIRATORY SYNDROME (SARS)
ITLE OF INVENTION: RESPIRATORY SYNDROME (SARS)
FILE REPERBACE: 2004-01-24
PRIOR APPLICATION NUMBER: 60/457, 031
PRIOR PLILNG DATE: 2003-03-24
PRIOR PLILNG DATE: 2003-03-26
PRIOR PLILNG DATE: 2003-04-02
PRIOR PLILNG DATE: 2003-04-02
PRIOR PLILNG DATE: 2003-04-04
PRIOR PLILNG DATE: 2003-04-04
PRIOR PLILNG DATE: 2003-04-14
PRIOR PRILNG DATE: 2003-04-15
PRIOR PRILNG DATE: 2003-04-23
PRIOR PRILNG DATE: 2003-05-05
PRIOR PLILNG DATE: 2003-05-05
PRIOR PLI
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GENERAL INFORMATION:
APPLICANT: GUNA, YI
APPLICANT: GUNA, YI
TITLE OF INVENTION: SARS VIRUS: SARS-ASSOCIATED CORONAVIRUS-LIKE VIRUS
FITHE OF INVENTION: BARS VIRUS: SARS-ASSOCIATED CORONAVIRUS-LIKE VIRUS
FILE REFERENCE: V9661.0081
CURRENT APPLICATION NUMBER: 60/473,255
PRIOR APPLICATION NUMBER: 60/473,255
RIOR APPLICATION NUMBER: 60/473,255
RIOR FILING DATE: 2003-05-22
NUMBER OF SEQ ID NOS: 2464
SOOTWARE: Patentin version 3.2
LENGTH: 5
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                                                                          Sequence 2261, Application US/10808187A GENERAL INFORMATION:
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Best Local Similarity 75.0
Matches 3; Conservative
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                                                                                                                                                   Query Match
Best Local Similarity 100.0%; Pred. No. 6.4e+06;
Matches 3; Conservative 0; Mismatches 0; Indels
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GENERAL INFORMATION:
APPLICANT: GALEOTTI Cesira
APPLICANT: GALEOTTI Cesira
APPLICANT: GALEOTTI Cesira
APPLICANT: GALEOTTI Cesira
APPLICANT: MASIGNANI Voga
APPLICANT: MASIGNANI NORA MATIATOSA
APPLICANT: MASIGNANI RAPPUOLI Rino
APPLICANT: RATTI Giulio
APPLICANT: RATTI Giulio
APPLICANT: SCARLATO Vincenzo
APPLICANT: SCARLATO Vincenzo
APPLICANT: SCARLATO NUMBER: US/10/111,983
CURRENT APPLICATION NUMBER: US/10/111,983
CURRENT FILING DATE: 2099-10-29
NUMBER OF SEQ ID NOSS: 3766
SEQ ID NO 7056

LENGRANT: SCARGHON VERSION 1.02
                                                                             ; TYPE: PRT
; ORGANISM: Mycobacterium tuberculosis
US-09-855-604A-905
; NUMBER OF SEQ ID NOS: 935
; SOFTWARE: Patentin Ver. 2.1
; ESG ID NO 905
; LENGTH: 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; TYPE: PRT
; ORGANISM: Neisseria
US-10-111-983-7056
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US-10-111-983-7056
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Search completed: September 10, 2005, 01:24:35 Job time: 481 secs

Page 1

GenCore version 5.1.6 Copyright (c) 1993 - 2005 Compugen Ltd.

OM protein - protein search, using sw model

September 10, 2005, 00:52:07; Search time 41 Seconds (without alignments) 18.207 Million cell updates/sec Run on:

US-10-795-795-6 55

1 WEYFIAAEEV 10 Title: Perfect score: Sequence: BLOSUM62 Gapop 10.0 , Gapext 0.5 Scoring table:

513545 segs, 74649064 residues Searched:

16468 Total number of hits satisfying chosen parameters:

Minimum DB seq length: 10 Maximum DB seq length: 10

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database

Issued Patents AA:*
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6: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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Description	Sequence 6, Appli Sequence 5, Appli	123	Sequence 146, App Sequence 147, App	148,	Sequence 149, App Sequence 3, Appli	Sequence 3, Appli	146,	147,	148,	149,	1, A	157	1573,	1584,	1585,	162, 7	163,	Sequence 164, App	165,	32, A	33,	Sequence 44, Appl	45,	1572
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43.6 10 4 US-09-350-641C-1585 Sequence 1585, 24 43.6 10 5 PCT-US96-06270-146 Sequence 146, A 24 43.6 10 5 PCT-US96-06270-147 Sequence 147, A 24 43.6 10 5 PCT-US96-06270-148 Sequence 147, A 24 43.6 10 5 PCT-US96-06270-149 Sequence 149, A 10 2 US-08-406-330-8 Sequence 149, A 23 41.8 10 2 US-08-406-330-8	24 43.6 10 4 US-09-350-641C-1584 Sequence 1584, 24 43.6 10 4 US-09-350-641C-1585 Sequence 1585, 24 43.6 10 5 PCT-US96-06270-146 Sequence 147, A 43.6 10 5 PCT-US96-06270-147 Sequence 147, B 24 43.6 10 5 PCT-US96-06270-149 Sequence 147, A 43.6 10 5 PCT-US96-06270-149 Sequence 148, A 43.6 10 2 US-08-56-06270-149 Sequence 149, A 43.6 10 2 US-08-56-597-8 Sequence 8, App	24 43.6 10 4 US-09-350-641C-1584 Sequence 1584, 24 43.6 10 4 US-09-350-641C-1585 Sequence 1585, 24 43.6 10 5 PCT-US96-06270-146 Sequence 147, A 24 43.6 10 5 PCT-US96-06270-147 Sequence 147, A 24 43.6 10 5 PCT-US96-06270-149 Sequence 148, A 24 43.6 10 5 PCT-US96-06270-149 Sequence 149, A 24 43.6 10 5 PCT-US96-06270-149 Sequence 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US-08-822-586-22 Sequence 26, App 2 2 41.8 10 3 US-08-822-586-22 Sequence 26, App 2 2 2 41.8 10 3 US-08-822-586-22 Sequence 26, App 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	24 43.6 10 4 US-09-350-641C-1584 Sequence 1584, 24 43.6 10 4 US-09-350-641C-1585 Sequence 1585, 24 43.6 10 5 PCT-US96-06270-146 Sequence 146, A 24 43.6 10 5 PCT-US96-06270-149 Sequence 147, A 24 43.6 10 5 PCT-US96-06270-149 Sequence 147, A 24 43.6 10 5 PCT-US96-06270-149 Sequence 149, A 23 41.8 10 2 US-08-56-597-8 Sequence 8, App 23 41.8 10 3 US-08-52-586-18 Sequence 18, App 23 41.8 10 3 US-08-22-586-26 Sequence 22, App 23 41.8 10 3 US-08-22-586-26 Sequence 22, App 24 11.8 10 3 US-08-22-586-26 Sequence 22, App 24 11.8 10 3 US-08-212-586-26 Sequence 26, App 24 11.8 10 3 US-08-212-586-26 Sequence 26, App 24 11.8 10 3 US-08-212-586-26 Sequence 26, App 25 41.8 10 3 US-08-371-680-10 Sequence 10, App 25 41.8 10 3 US-08-371-680	24 43.6 10 4 US-09-150-641C-1584 Sequence 1584, 43.6 10 4 US-09-350-641C-1585 Sequence 1585, 24 43.6 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US-09-911-1298-7 Sequence 7, App

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ALIGNMENTS

Sequence 6, Application US/09911129B
Patent No. 6703364
GENERAL INFORMATION:
APPLICANT: Cleveland State University
APPLICANT: Kalafatis, Michael
APPLICANT: Kalafatis, Michael
TITLE OF INVENTION: Thrombin Generation Inhibitor
FILE REFERENCE: 27433/04004
FILE REFERENCE: 27433/04004
CURRENT APPLICATION NUMBER: US/09/911,129B
CURRENT PELING DATE: 2002-03-19
NUMBER OF SEQ ID NOS: 17
SOFTWARE: PatentIn version 3.1
SEQ ID NO 6
LEMENTH: 10 RESULT 1 US-09-911-129B-6 TYPE: PRT

; ORGANISM: Homo sapiens US-09-911-129B-6

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Query Match
100.0%; Score 55; DB 4; Length 10;
Best Local Similarity 100.0%; Pred. No. 0.00025;
Matches 10; Conservative 0; Mismatches 0; Indels

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RESULT 2 US-09-911-129B-5

Sequence 5, Application US/09911129B PART Sequence 5. Application US/09911129B Patent No. 6703364 GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Cleveland State University
APPLICANT: Cleveland State University
APPLICANT: Cleveland State University
APPLICANT: Mann, Kenneth G.
FILE REFERENCE: 27433/04004 CURRENT APPLICATION UNMERS. US/09/911,129B
CURRENT APPLICATION UNMERS. 12
CURRENT FILING DATE: 2002-03-19
NUMBER OF SEQ ID NOS: 17
SOFTHARE: Patentin version 3.1
SEQ ID NO 5
LENGTH: 10

60.0%; Score 33; DB 4; Length 10; US-09-911-129B-5 Query Match

TYPE: PRT ORGANISM: Homo sapiens

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43.6%;
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ATTORNEY/AGENT INFORMATION:
NAME: Mark DeLuca
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 75.0
Matches 3; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: unknown; MOLECULE TYPE: peptide US-08-433-318A-146
                                                                                                                                                                                                            ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTI
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COUNTRY: US!
ZIP: 19103
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY:
STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ઠે
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                  0; Indels
                                                                                                                                                                 Sequence 1219, Application US/08159339A
Fatent No. 6037135
GENERAL INFORMATION:
APPLICANT: Kubo, Ralph T.
APPLICANT: Sette, Alessandro
APPLICANT: Sette, Alessandro
TITLE OF INVENTION: HLA Binding peptides and Their
TITLE OF INVENTION: Uses
NUMBER OF SEQUENCES: 1254
CORRESPONDENCE ADDRESS:
ADDRESSEE Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: CA
COMPUTER: CA
COMPUTER READABLE FORM:
MEDIUM TYBE: Diskette
COMPUTER: IBM COMPATIBLE
COMPUTER: IBM COMPATIBLE
COMPUTER: DISKETTE
COMPUTER: DISKETTE
COMPUTER: DISKETTE
COMPUTER: TEASTED FOR WINDOWS VERSION 2.0
CURRENT APPLICATION NAMER: US/08/159,339A
FILING DATE: 29-NOV-1993
CLASSIFICATION NUMBER: US 07/926,666
FILING DATE: 07-AUG-1992
APPLICATION NUMBER: US 08/027,746
FILING DATE: 05-MAR-1993
APPLICATION NUMBER: US 08/103,396
FILING DATE: 06-AUG-1993
APPLICATION NUMBER: US 08/103,396
FILING DATE: 06-AUG-1993
APPLICATION NUMBER: 32,762
REGISTRATION NUMBER: 32,762
REFERENCE/DOCKET NUMBER: 018623-005030US
TELERPHONE: (415) 576-0300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 47.3%; Score 26; DB 3; 75.0%; Pred. No. 90; tive 1; Mismatches (
Pred. No. 4.1;
                0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-433-318A-146
; Sequence 146, Application US/08433318A
; Patent No. 5663144
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO: 1219: SEQUENCE CHARACTERISTICS:
 100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            : 10 amino acids
amino acid
Best Local Similarity 100.
Matches 5; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear

MOLECULE TYPE: peptide

US-08-159-339A-1219
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Best Local Similarity
Matches 3; Conserv
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6 WEYFI 10
                                                     1 WEYFI 5
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                                                                                                                                           RESULT 3
US-08-159-339A-1219
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                                                                                                                                                                                                                                                                                                                                                                                                           CITY: 8
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Gaps
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Pred. No. 2.2e+02;
1; Mismatches 0; Indels
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Sequence 147, Application US/08433318A

Fatent No. 5663144

GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: COMPOUNDS THAT BIND TO p185 AND
TITLE OF INVENTION: METHODS OF USING THE SAME
NUMBER OF SEQUENCES: 184

CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 5663144ris
ADDRESSEE: No. 5663144ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
GENERAL INFORMATION:
APPLICANT: Greene, Mark I.
TITLE OF INVENTION: COMPOUNDS THAT BIND TO p185 AND TITLE OF INVENTION: METHODS OF USING THE SAME NUMBER OF SEQUENCES: 184
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & ADDRESSEE: No. 5663144ris
STREET: One Liberty Place - 46th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPOUNDS THAT BIND TO p185 AND METHODS OF USING THE SAME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1; Mismatches
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ZIP: 19103
COMPUTER READBLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: Windows
SOFTWARE: WONDERFECT 6
CURRENT APPLICATION NATA:
APPLICATION NUMBER: US/08/433,318A
                                                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE: DISKETTE, 3.5 INCH
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: Windows
SOFTMENT APPLICATION DATA:
APPLICATION NUMBER: US/08/433,318A
FILING DATE: 03-MAY-1995
CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: UPN-2106
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEPAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 146:
SEQUENCE CHARACTERISTICS:
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Gaps
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                43.6%; Score 24; DB 1; Length 10; 75.0%; Pred. No. 2.2e+02; ive 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      43.6%; Score 24; DB 1; Length 10; 75.0%; Pred. No. 2.2e+02; tive 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                       RESULT 7
US-08-433-318A-149
; Sequence 149, Application US/08433318A
; Patent No. 5663144
; GENERAL INFORMATION:
; APPLICANT: Greene, Mark I.
; TITLE OF INVENTION: METHODS OF USING THE SAME
; TITLE OF INVENTION: METHODS OF USING THE SAME
; CORRESPONDENCE ADDRESS:
; ADDRESSE: Woodcock Washburn Kurtz Mackiewicz & ADDRESSE: Woodcock Washburn Kurtz Mackiewicz & ADDRESSE: One Liberty Place - 46th Floor
; TITLE OF INVENTION: Method ADDRESSE: GOOD ADDRESSE: Woodcock Washburn Kurtz Mackiewicz & ADDRESSE: Woodcock Washburn Kurtz Wash
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 8
US-08-406-330-3
US-08-406-330-3
Sequence 3, Application US/08406330
Fatent No. 5817748
GENERAL INFORMATION:
APPLICANT: Lyle, Vicki A.
APPLICANT: Lyle, Vicki A.
TITLE OF INVERTION:
TITLE OF INVERTION: HUMAN PLATELET GLYCOPROTEIN 1b/IX
NUMBER OF SEQUENCES: 81
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 UMBER: US/08/433,318A
03-MAY-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CUDULKA: USER ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: Windows
SOFTWARE: WORDPERFECT 6
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/433,318/7
FILING DATE: 03-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: MARK Deluca
REGISTRATION NUMBER: 33,229
REFERRINGE/DOCKET WUMBER: UPN-210(
TELECHAN: (215) 568-3100
TELECHAN: (215) 568-3109
TELECHAN: 10
                                                Best Local Similarity 75.0 Matches 3; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 43.6
Best Local Similarity 75.0
Matches 3; Conservative
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MOLECULE TYPE: peptide
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5 WEWF 8
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                    Query Match
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Pred. No. 2.2e+02;
1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 148, Application US/08433318A

Patent No. 5663144

GENERAL INFORMATION:
APPLICANT: GENERAL INFORMATION:
TITLE OF INVENTION: COMPOUNDS THAT BIND TO p185 AND TITLE OF INVENTION: METHODS OF USING THE SAME NUMBER OF SEQUENCES: 184

CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & ADDRESSEE: Woodcock Washburn Kurtz Patenty Place - 46th Floor CITY: Philadelphia STREET: One Liberty Place - 46th Floor STATE: PA USA: COUNTRY: USA: COUNTRY: USA: COUNTRY: USA: COUNTRY: USA: COUNTRY: USA: COUNTRY: CITY: COUNTRY: CITY: COUNTRY: CITY: COUNTRY: CITY: CITY: COUNTRY: CITY: COUNTRY: CITY: COUNTRY: CITY: CITY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1; Mismatches
FILING DATE: 03-WAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE: TINFORMATION:
NAME: MARK DELUCA
REGISTRATION NUMBER: 33,229
REGISTRATION NUMBER: 33,229
RECISTRATION NUMBER: 13,229
REPERBENCE/DOCKET NUMBER: UPN-2106
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 147:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: Mark DeLuca
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: UPN-2106
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US/08/433,318A
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MEDIUM TYPE: DISKETTE, 3.5 INCH
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: Windows
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: WORDERFECT 6
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/-
FILING DATE: 03-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                43.6%;
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INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 75.vv
-hen 3; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: unknown
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; MOLECULE TYPE: peptide US-08-433-318A-148
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              amino acid
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TYPE: amino acid
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5 WEWF 8
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US-08-433-318A-148
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CORRESPONDENCE ADDRESS:

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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 10
US-08-922-048-146

US-08-922-048-146

Sequence 146, Application US/08922048

Patent No. 5919764

APPLICANT: Greene, Mark I.

APPLICANT: Greene, Mark I.

TILLE OF INVENTION: METHODS OF USING THE SAME

TITLE OF INVENTION: METHODS OF USING THE SAME

TITLE OF INVENTION: METHODS OF USING THE SAME

NUMBER OF SEQUENCES: 184

CORRESPONDENCES: 184

ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &

ADDRESSEE: No. 5919764ris

STREET: One Liberty Place - 46th Floor

CITY: Paladelphia
                                                                                                                                                                                                                                        Score 24; DB 2; Length 10;
Pred, No. 2.2e+02;
                                                                                                                                                                                                                                                                                        1; Indels
                                                                                                                                                                                                                                                                                        0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PILING DAIB:
CLASSIPECATION:
PRIOR APPLICATION NUMBER: US 08/433,318
PPLING DATE: 03-MAY-1995
ATTORNEY/AGENT INFORMATION:
NAME: Mark Deluca
REGISTRATION NUMBER: 33,229
REGISTRATION NUMBER: 33,229
REGISTRATION NUMBER: UPN-2106
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
; TELEPHONE: (215) 568-3100
; TELEPHONE: (215) 568-3100
; SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: Windows
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: WORDPERFECT 6
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/922,048
FILING DATE:
TELECOMMUNICATION INFORMATION
             TELEPHONE: (716) 263-1636
TELEPAX: (716) 263-1600
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 amino acids
                                                                                                                                                                                                                                                 43.6%;
                                                                                                 TYPE: amino acid.
STRANDEDNESS:
TOPOLOGY: linear
MULECULE TYPE: peptide
US-08-556-597-3
                                                                                                                                                                                                                                3; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: peptide US-08-922-048-146
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Best Local Similarity
Matches 3; Conserv
                                                                                                                                                                                                                                                                                                                                    1 WEYF 4
                                                                                                                                                                                                                                                                                                                                                                           4 WRYF 7
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; Sequence 3, Application US/08556597
; Patent No. 5877155
; GENERAL INFORMATION:
; APPLICANT: Miller, Jonathan L.
APPLICANT: LYLe Vicki A.
; TITLE OF INVENTION: MIMOTOPES AND ANTI-MIMOTOPES OF
; TITLE OF INVENTION: HUMAN PLATELET GLYCOPROTEIN Ib/IX
NUMBER OF SEQUENCES:
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP
; STREET: Clinton Square, P.O. Box 1051
; CITY: Rochester
; STATE: New York
; COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 24; DB 2; Length 10;
Pred. No. 2.2e+02;
0; Mismatches 1; Indels
                                                                                    COUNTRY: USAZIF: 14603
ZIP: 14603
ZIP: 14603
COMPUTER ERADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION NUMBER: US/08/406,330
FILING DATE:
CLASSIFICATION NUMBER: US/08/406,330
ATTORNEY/AGENT INFORMATION:
NAME: TIMIAN, SUSBA J.
REGISTRATION NUMBER: 34,103
REGISTRATION NUMBER: 34,103
REGISTRATION NUMBER: 34,103
REGISTRATION NUMBER: 34,103
REGISTRATION NUMBER: 20884/100
TELERPAN: (716) 263-1636
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CRARACTERISTICS:
LENGTH: 10 amino acids
THENGTH: 10 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 14603

COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/NS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/556,597
ADDRESSE: Nixon, Hargrave, Devans & Doyle STREET: Clinton Square, P.O. Box 1051 CITY: Rochester STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/406,330
FILING DATE: 17-MAR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Timian, Susan J.
REFERENCE/DOCKET NUMBER: 20884/101
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      43.6%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 75.0
Matches 3; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE
                                                                                COUNTRY:
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US-08-556-597-3
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Length 10;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 119, Application US/08922048

Patent No. 5919764

GENERAL INFORMATION:
APPLICANT: Green, Mark I.
TITLE OF INVENTION: COMPOUNDS THAT BIND TO P185 AND TITLE OF INVENTION: METHODS OF USING THE SAME NUMBER OF SEQUENCES: 184

CORRESPONDENCES: 184

CORRESPONDENCES: Moodcock Washburn Kurtz Mackiewicz & ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & STREET: One Liberty Place - 46th Floor CITY: Philadelphia
                                                                                      APPLICALIAND
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/433,318
FILING DATE: 03-MAY-1995
ATTORNEY/AGENT INFORMATION:
NAME: Mark Deluca
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: UPN-2106
TELECOMMUNICATION INFORMATION:
TELEFHONE: (215) 568-3190
INFORMATION FOR SEQ ID NO: 148:
SEQUENCE CHARACTERISTICS:
LENGTH: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
CLASSIPICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/433,318
FILING DATE: 03-MAX-1995
ATTORNEY/AGENT INFORMATION:
NAME: MARK DELUCA
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: UPN-2106
TELECOMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFEX: (215) 568-3100
                  OPERATING SYSTEM: Windows
SOFTWARE: WORDPERFECT 6
SUPREMT APPLICATION DATA:
APPLICATION NUMBER: US/08/922,048
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OPERATING SYSTEM: Windows
SOFTWARE: WORDERFECT 6
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/922,048
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH
COMPUTER: IEM PC Comparible
OPERATING SYSTEM: Windows
  IBM PC Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 43.6
Best Local Similarity 75.0
Matches 3; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: amino acid
TOPOLOGY: unknown
MOLECULE TYPE: peptide
US-08-922-048-148
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 WEYF 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     5 WEWF 8
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COMPUTER:
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                                                    Sequence 147, Application US/08922048

Patent No. 5919764

GENERAL INFORMATION:

APPLICANT: Gerene, Mark I.

TITLE OF INVENTION: COMPOUNDS THAT BIND TO p185 AND TITLE OF INVENTION: METHODS OF USING THE SAME NUMBER OF SEQUENCES: 184

CORRESPONDENCE ADDRESS:

ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & ADDRESSEE: No. 5919764ris

STREET: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 148, Application US/08922048
; Patent No. 5919764
; GENERAL INFORMATION:
TITLE OF INVENTION: COMPOUNDS THAT BIND TO p185 AND
TITLE OF INVENTION: METHODS OF USING THE SAME
NUMBER OF SEQUENCES: 184
; CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & ADDRESSEE: No. 5919764ris
; STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                 ZIP: 19103
COMPUTER READBALE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: Windows
SOFTWARE: WORDPERFECT 6
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/922,048
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: MATK Deluca
REGISTRATION NUMBER: 33,229
REPERENCE/DOCKET NUMBER: UPN-2106
TELEPHONE: (215) 568-3100
TELEPAX: (215) 568-3100
TELEPAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 147:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/433,318
FILING DATE: 03-MAY-1995
ATTORNEY/AGENT INFORMATION:
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COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH
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TYPE: amino acid
TOPOLOGY: unknown
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                               PA
USA
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                                      US-08-922-048-147
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STATE: PA
COUNTRY:
                                                                                                                                                                                                                                                                                                                            STATE: PACCOUNTRY:
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GENERAL INFORMATION:
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                                                                                                    Length 10;
                                                                                                                                            0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADTRESSE:

STREET: 90 PARK AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: U.S.A.
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH 1.44 MD STORAGE DISKETTE
COMPUTER: IBM PC COMPATIBLE
COMPUTER: IBM PC COMPATIBLE
COMPUTER: IBM PC COMPATIBLE
COMPATING SYSTEM: MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/531,832A
FILING DATE: SEPTEMBER 20, 1995
ATTORNEY/AGENT INFORMATION:
NAME: CRAIG J. ARNOLD
REGISTRATION NUMBER: 34,287
REGISTRATION NUMBER: 96700/342
TELEFRAM: (212) 866-0854 or 286-0082
TELEFRAM: (212) 868-0854 or 286-0082
TELEFRAM: TWX 710-581-4766
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: BRUCE D. GAYNOR, BETTY A. DIAMOND,
APPLICANT: BRUCE D. SCHARFF AND PHILIPPE VALADON
TITLE OF INVENTION: PEPTIDES FOR THE TREATMENT AND
TITLE OF INVENTION: DIAGNOSIS OF SYSTEMIC LUPUS
TITLE OF INVENTION: ERYTHEMATOSUS
NUMBER OF SEQUENCES: 7
CORRESPONDENCES: 7
ADDRESSES: AMSTER, ROTHSTEIN & EBENSTEIN
STREET: 90 PARK AVENUE
                                                                                                    Score 24; DB 2; I
Pred. No. 2.2e+02;
1; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; Sequence 1572, Application US/09315304B; Patent No. 6348568
                                                                                                                                                                                                                                                                                                                         Sequence 1, Application US/08531832A Patent No. 6001964 GENERAL INFORMATION:
                                                                                                      43.6%;
                                                                                                  Query Match
Best Local Similarity 75.0
Matches 3; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: AMINO ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DESCRIPTION: PEPTIDE
; TYPE: amino acid
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
US-08-922-048-149
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
Matches 3; Conserv
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5 WEWF 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        HYPOTHETICAL: Y
HYPOTHETICAL: Y
ANTI-SENSE: NO
US-08-531-832A-1
                                                                                                                                                                                 1 WEYF 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-315-304B-1572
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                                                                                                                                                                                                                                                                                      RESULT 14 VS-08-531-832A-1
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5.1.6 Compugen Ltd.

GenCore version Copyright (c) 1993 - 2005

September 10, 2005, 00:41:46; Search time 15 Seconds (without alignments) 64.145 Million cell updates/sec Run on:

OM protein - protein search, using sw model

US-10-795-795-6 55 1 WEYFIAAEEV 10 Perfect score:

Scoring table: Sequence:

283416 segs, 96216763 residues BLOSUM62 Gapop 10.0 , Gapext 0.5 Searched:

311

Total number of hits satisfying chosen parameters:

Minimum DB seq length: 10 Maximum DB seq length: 10

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

1: pirl:* 2: pir2:* 3: pir3:* 4: pir4:* PIR 79:*

Database

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Description	gonadoliberin - pi	gonadoliberin - sh	gonadoliberin I -	gonadoliberin - ch	aldehyde ferredoxi	hypotrehalosemic h	beta-galactosidase	DNA polymerase - y	T-cell receptor ga	receptor	calpain (EC 3.4.22	T-cell receptor be	cytochrome P450 1A	neuromedin K - pig	1	gonadoliberin II -	glutathione transf	gonadoliberin II -	hypothetical prote	beta-fructofuranos	gonadotropin-relea	T-cell receptor al	rece	lectin GNL1 alpha	processing enzyme,	polygalacturonase	triose-phosphate i	gonadoliberin I -	monodehydroascorba
	ID	RHPGG	RHSHG	RHAQ1	A21114	A40753	B33995	859625	863696	E49033	F49033	839392	PT0215	868033	SPPGNK	A61126	RHAQ2	S71868	B46030	C39191	PQ0753	A49187	S23370	PH0916	S38304	S66248	B61440	PN0165	A46030	A44871
	82	Т	Н	г	0	0	0	7	7	7	7	7	7	7	-	Н	н	N	N	0	0	7	0	0	7	7	7	7	7	~
	Length	10	10	10	10	10	10	10	10	10	10	10	21	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
* Query	Match	2.7	2.7	2.7	2.7	6.0	9.1	9.1		9.1	9.1	7.3	7.3	7.3	5.5	3.6	3		3.6		3.6	٠	3.6	3.6	•	3.6	3.6	3.6	3.6	3.6
* 8	Ma :	m	m	m	٣	c	~	~	7	0	7	~	~	~	~	~	N	~	7	~	~	~	~	0	~	7	~	~	7	7
	Score	18	18	18	18	17	16	16	16	16	16	15	15	15	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
Result	No.	Н	7	٣	4	co	9	7	ω	0	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29



gastric juice pept gonadoliberin - se	6-phosphofructo-2- pepsin (EC 3.4.23.	caerulein - frog (caerulein-like pep	PV1 protein - huma	triose-phosphate i	alpha-amylase (EC	polygalacturonase	polygalacturonase	clotting protein -	serum heterodimer,	bradykinin-potenti	NADH2 dehydrogenas	angiotensin-conver
GXHU1 RHLMGS	A43405 PN0136	A61337 A13687	S09387	A27617	PH0113	D61440	S62880	S30348	B56899	B37196	PQ0783	XASNPC
77	N N	0 0	8	~	~	7	7	~	~	~	~	-
10	22	201	10	2	10	10	ព្	10	10	10	2	10
23.6	21.8 21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	20.0
13	12	12	12	12	12	12	12	12	12	12	12	11
30 31	33 33	3 3 4 5 5	36	37	38	39	40	41	42	43	44	45

ALIGNMENTS

gonadoliberin - pig C;Species: Sus scrofa domestica (domestic pig) C;Date: 13-Jul-1981 #sequence_revision 13-Jul-1981 #text_change 18-Mar-1997

C;Accession: A01411
R;Baba, Y.; Matsuo, H.; Schally, A.V.
B;bochem. B;ophys. Res. Commun. 44, 459-463, 1971
A;Title: Structure of the porcine LH- and FSH-releasing hormone. II. Confirmation of th. A;Reference number: A90172; MUID:72114303; PMID:4946067
A;Accession: A01411

Aprocession: National Application Approcession: Advantage and Application: Advantage and Application: Advantage and Applications and Applications Applications and Applications

Gaps ö 32.7%; Score 18; DB 1; Length 10; 66.7%; Pred. No. 2.2e+03; ive 0; Mismatches 1; Indels Query Match
Best Local Similarity 66.7
Matches 2; Conservative

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g 8

RESULT 2 RHSHG

Gonadoliberin - sheep
GiSpecies: Ovis ozientalis aries, Ovis ammon aries (domestic sheep)
CiSpecies: Ovis ozientalis aries, Ovis ammon aries (domestic sheep)
CiSpecies: 31-Dec-1991 #sequence_revision 31-Dec-1991 #text_change 18-Mar-1997
CiAccession: A93780; A01411
R;Burgus, R.; Butcher, M.; Amoss, M.; Ling, N.; Monahan, M.; Rivier, J.; Fellows, R.; Broc. Natl. Acad. Sci. U.S.A. 69, 278-282, 1972
A;Title: Primary structure of the ovine hypothalamic luteinizing hormone-releasing fact A;Reference number: A93780; MUID:72094314; PMID:4550508
A;Accession: A93780

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3; Conservative
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A, Status: preliminary
A, Molecule type: protein
A, Residues: 1-10 <CAL>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         A; Molecule type: protein A; Residues: 1-10 <JAF>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Best Local Similarity
Matches 2; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                   Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 WEYFI 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        WGRFI 9
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                                                                                                                                                                                                                           A;Accession: A40753
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R;Lovejoy, D.A.; Fischer, W.H.; Parker, D.B.; McRory, J.E.; Park, M.; Lance, V.; Swanson Regul. Pept. 33, 105-116, 1991
A;Title: Primary structure of two forms of gonadotropin-releasing hormone from brains of A;Reference number: A60066; MUID:91352338; PMID:1882082
                            ξĢ
A;Note: the natural and synthetic hormones have the same biological activity C;Comment: This hypothalamic hormone stimulates the secretion of both luteinizing and C;Superfamily: gonadoliberin C;Keywords: amidated carboxyl end; hormone; hypothalamus; pyroglutamic acid F;I/Modified site: pyrrolidone carboxylic acid (Gln) #status experimental F;10/Modified site: amidated carboxyl end (Gly) #status experimental
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C;Superfamily: gonadoliberin
C;Keywords: amidated carboxyl end; hormone; hypothalamus; pyroglutamic acid
F;1/Medified site: pyrrolidone carboxylic acid (Gln) #status experimental
F;10/Modified site: amidated carboxyl end (Gly) #status experimental
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R;Sherwood, N.; Eiden, L.; Brownstein, M.; Spiess, J.; Rivier, J.; Vale, W. Proc. Natl. Acad. Sci. U.S.A. 80, 2794-2798, 1983
A;Title: Characterization of a teleost gonadotropin-releasing hormone. A;Reference number: A21114; MUID:83195140; PMID:6341999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Č;Species: Oncorhynchus keta (chum salmon)
C;Date: 10-Aug-1990 #sequence_revision 10-Aug-1990 #text_change 09-Jul-2004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   N;Alternate names: gonadotropin-releasing hormone I
C;Species: Alligator mississippiensis (American alligator)
C;Date: 31-Mar-1993 #sequence_revision 31-Mar-1993 #text_change 09-Jul-2004
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0; Mismatches 1;
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Best Local Similarity 66.7%;
Matches 2; Conservative (
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Best Local Similarity 66.73
Matches 2; Conservative
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A.Molecule type: protein
A.Residues: 1-10 <SHE>
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aldehyde ferredoxin oxidoreductase (EC 1.2.7.-) - Pyrococcus furiosus (fragment)
N;Alternate names: glyceraldehyde:ferredoxin oxidoreductase; red tungsten protein (RTP)
C;Species: Pyrococcus furiosus
C;Date: 21-Apr-1992 #sequence_revision 21-Apr-1992 #text_change 09-Jul-2004
C;Accession: A40753
R;Mukud, S.; Adams, M.W.W.
N;Mikud, S.; Adams, M.W.W.
A;Aibil. Chem. 266, 14208-14216, 1991
A;Title: The novel tungsten-iron-sulfur protein of the hyperthermophilic archaebacterium
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       hypotrehalosemic hormone - black horse fly
C;Species: Tabanus atratus (black horse fly)
C;Species: 33-Mar-1990 #sequence_revision 23-Mar-1990 #text_change 09-Jul-2004
C;Accession: B33995
C;Accession: B33995
C;Accession: B33995
B;Jaffe, H.; Raina, A.K.; Riley, C.T.; Fraser, B.A.; Nachman, R.J.; Vogel, V.W.; Zhang, Proc. Natl. Acad. Sci. U.S.A. 86, 8161-8164, 1989
A;Title: Primary structure of two neuropeptide hormones with adipokinetic and hypotrehal A;Reference number: A33995; MUID:90046758; PMID:2813385
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C;Superfamily: adipokinetic hormone
C;Keywords: amidated carboxyl end; corpora cardiaca; hormone; neuropeptide; pyroglutamic
F;1/Modified site: pyrrolidone carboxylic acid (Gln) #status predicted
F;10/Modified site: amidated carboxyl end (Tyr) #status predicted
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C;Species: Bscherichia coli
C;Species: Bscherichia coli
C;Date: 20-Jul-1996 #sequence_revision 13-Mar-1997 #text_change 07-May-1999
C;Accession: S59625
R;Calugaru, S:V.; Hall, B.G.; Sinnott, M.L.
Biochem., 2, 312, 281-286, 1995
A;Title: Catalysis by the large subunit of the second beta-galactosidase of Escherichia A;Reference number: S59625; MUID:96077156; PMID:7492325
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A;Molecule type: protein
A;Residues: 1-10 <MUK>
A;Residues: 1-10 <MUK>
A;Cross-references: UNIPROT: Q7M530
C;Keywords: iron-sulfur protein; oxidoreductase; tungsten
                                                                                                                                                                                                                                                                                                                                colytic pathway.
A;Reference number: A40753; MUID:91317766; PMID:1907273
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IndelB

Length 10;

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T-cell receptor beta chain V-J region (4-1-K.1) - mouse (fragment)
C;Species: Mus musculus (house mouse)
C;Date: 31-Dec-1991 #sequence_revision 31-Dec-1991 #text_change 30-May-1997
C;Accession: PT0215
R;Nakano, N.; Kikutani, H.; Nishimoto, H.; Kishimoto, T.
J. Exp. Med. 173, 1091-1097, 1991
A;Reference number: PT0209; MUID:91217621; PMID:1902501
A;Accession: PT0215.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  calpain (EC 3.4.22.17) II light chain - pig (fragment)
C; Species: Sus scrofa domestica (domestic pig)
C; Species: 18-reb-1994 #sequence_revision 24-Jul-1998 #text_change 29-Sep-1999
C; Accession: S39392
C; Accession: S39392
R; Crawford-C:; Brown, N-R:; -willis, A.C.
A; Trittle: Studies of the active site of m-calpain and the interaction with calpastatin. A; Reference number: S39391; WUID: 94071815; PMID: 8250833
A; Status: preliminary
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C;Species: Oreochromis niloticus x Oreochromis aureus (tilapia)
C;Date: 19-Mar-1997 #sequence_revision 29-Aug-1997 #text_change 29-Aug-1997
C;Accession: S68033
                       A;Status: preliminary
A;Molecule type: DNA
A;Residues: 1-10 AMOR>
A;Cross-references: GS:S72605; NID:g240700; PIDN:AAB20632.1; PID:g240701
A;Note: sequence extracted from NCBI backbone (NCBIN:72605, NCBIP:72606)
C;Keywords: T-cell receptor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           A;Molecule type: protein
A;Residues: 1-10 <CRA>
CS:Superfamily: calpain small chain; calmodulin repeat homology
C;Keywords: cysteine proteinase; EF hand; hydrolase
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Pred. No. 8.4e+03;
1; Mismatches 0; Indels
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29.1%; Score 16; DB 2; Le
Best Local Similarity 100.0%; Pred. No. 5.4e+03;
Matches 2; Conservative 0; Mismatches 0;
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A; Residues: 1-10 <NAK>
C; Keywords: T-cell receptor
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Best Local Similarity
Matches 3; Conserv
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                                                                                                                                                                                          DNA polymerase - yeast (Kluyveromyces marxianus var. lactis) killer plasmid pGKL2 (fragm
C;Species: Kluyveromyces marxianus var. lactis, Candida sphaerica
C;Date: 19-Mar-1997 #sequence_revision 25-Apr-1997 #text_change 25-Apr-1997
                                                                                                                                                                                                                                                           C;Accession: 563696
R;Takeda, M.; Hiraishi, H.; Takesako, T.; Tanase, S.; Gunge, N.
Yeast 12, 241-246, 1996
A;Title: The terminal protein of the linear DNA plasmid pGKL2 shares an N-terminal domain A;Reference number: 563696; MUID: 97060015; PMID: 8904336
A;Accession: 563696
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C;Date: 19-Dec-1993 #sequence_revision 25-Aug-1995 #text_change 21-Jul-2000
C;Date: 19-Dec-1993 #sequence_revision 25-Aug-1995 #text_change 21-Jul-2000
C;Accession: E49033; D49033
R;Morita, C.T.; Verma, S.; Aparicio, P.; Martinez, C.; Spits, H.; Brenner, M.B. Bur. J. Immunol. 21, 2999-3007, 1991
A;Title: Functionally distinct subsets of human gamma/delta T cells.
A;Reference number: A49033; MUID:92083926; PMID:1684157
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A;Title: Functionally distinct subsets of human gamma/delta T cells.
A;Reference number: A49033; MUID:92083926; PMID:1684157
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C;Species: Homo sapiens (man)
C;Date: 19-Dec-1993 #sequence_revision 17-Mar-2000 #text_change 17-Mar-2000
C;Accession: F49033
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A; Accession: E49033
A; Actatus: preliminary
A; Molecule type: DNA
A; Residues: 1-10 cMOR>
A; Cross-references: GB:S72587; NID:g240696; FIDN:AAB20630.1; PID:g240697
A; Note: sequence extracted from NCBI backbone (NCBIN:72591, NCBIP:72595)
A; Accession: D49033
A; Status: preliminary
A; Molecule type: DNA
A; Molecule type: DNA
A; Residues: 1-10 cMOR2
A; Residues: 1-10 cMOR2
A; Cross-references: GB:S72587; NID:g240696; PIDN:AAB20630.1; PID:g240697
A; Note: sequence extracted from NCBI backbone (NCBIN:72587, NCBIP:72589)
C; Keywords: T-cell receptor
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                                                                                                                                                                                                                                                                                                                                                                                                                                                  A,Status: preliminary
A,Molecule type: protein
A,Residues: 1-10 <4RX>
A,Note: the source is designated as Kluyveromyces lactis
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5.4e+03;
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A;Note: the structure of the peptide was confirmed by synthesis
C;Comment: The biological source of this peptide is spinal cord. It stimulates smooth mu
C;Superfamily: neurokinin B recursor C;Superfamily: neurokinin B precursor C;Keywords: amidated carboxyl end; hormone; spinal cord
F;10/Modified site: amidated carboxyl end (Met) #status experimental
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NiAlternate names: gonadotropin-releasing hormone
C;Species: Hydrolagus colliei (spotted ratfish)
C;Species: Hydrolagus colliei (spotted ratfish)
C;Date: 26-May-1994 #sequence_revision 26-May-1994 #text_change 09-Jul-2004
C;Accession: A61126
R;Lovejoy, D.A.; Sherwood, N.M.; Fischer, W.H.; Jackson, B.C.; Rivier, J.E.; Lee, T.
A;Title: Primary structure of gonadotropin-releasing hormone from the brain of a holocep
A;Reference number: A61126; MUID:91340067; PMID:1678723
R;Ueng, Y.F.; Ueng, T.H.
Arch. Biochem. Blophya. Biophya. Biophya. Biophya. Biophya. Biophya. Biophya. Biophya. Biophya. Biophya. A;Title: Induction and purification of cytochrome P450 1A1 from 3-methylcholanthrene-tre
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            C;Species: Sus scrofa domestica (domestic pig)
C;Species: Bactoria sorrofa domestica (domestic pig)
C;Accession: A01560
R;Kangawa, K.; Minamino, N.; Fukuda, A.; Matsuo, H.
Biochem. Biophys. Res. Commun. 114, 533-540, 1983
A;Title: Neuromedin K: a novel mammalian tachykinin identified in porcine spinal cord. A;Reference number: A01560; MUID:8328812; PMID:6576785
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A; Residues: 1-10 < LOV>

A; Cross-references: UNIPROT: P37043

A; Experimental source: brain

C; Superfamily: gonadoliberin

C; Keyworts, amidated carboxyl end; brain; hormone; pyroglutamic acid

E; 1/Modified site: pyrrolidone carboxylic acid (Gln) #status experimental

F; 10/Modified site: amidated carboxyl end (Gly) #status experimental
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                                                                                                                                                                                                                                                                                 h Similarity 57.1%; Score 15; DB 2; Length 10; Similarity 57.1%; Pred. No. 8.4e+03; 4; Conservative 0; Mismatches 3; Indels
                                                                                                                                                    A, Molecule type: protein
A, Residues: 1-10 <UEN>
A, Experimental source: liver and gill
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Matches 1; Conservative
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4 DFFV 7
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Search completed: September 10, 2005, 00:56:08 Job time : 16 secs



3; Search time 162 Seconds (without alignments) 11.937 Million cell updates/sec GenCore version 5.1.6 Copyright (c) 1993 - 2005 Compugen Ltd. September 10, 2005, 00:56:13 OM protein - protein search, using sw model Run on:

US-10-795-795-12 26

BLOSUM62 Gapop 10.0 , Gapext 0.5 1 LDNFS 5 Perfect score: Scoring table: Sequence:

2105692 segs, 386760381 residues Searched:

26026 Total number of hits satisfying chosen parameters:

Minimum DB seq length: 5 Maximum DB seq length: 5

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

A_Geneseq_16Dec04:* geneseqp1980s;* geneseqp1990s:* geneseqp2000s:* geneseqp20018:* •• Database

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

geneseqp2003as:* geneseqp2003bs:* geneseqp2004s:*

geneseqp2002s:*

SUMMARIES

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Description	Abu62026 Human blo2	Ads64548 Human blo	Adm09689 Human pro	Adr70855 Human pro	Abu12290 Chymotryp		Aap91831 Pentapept	Aar26902 Herpes si	Aar28940 Example o	Aar44338 Peptide T	Aar59489 Peptide T	Aar61484 Peptide T	Aar75581 gp120 bin	Aar75592 gp120 bin	Aar97812 Vasoactiv	Aar98996 Peptide T	_	Aaw54223 Human lam	_	Aay61720 Cadherin-	Aay61887 Cadherin-	Aab99511 Immediate	Abp51750 Integrin	•	Abul2289 Chymotryp
	ABU62026	ADS64548	ADM09689	ADR70855	ABU12290	AAP83010	AAP91831	AAR26902	AAR28940	AAR44338	AAR59489	AAR61484	AAR75581	AAR75592	AAR97812	AAR98996	AAW80273	AAW54223	AAW83536	AAY61720	AAY61887	AAB99511	ABP51750	ABU12288	ABU12289
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& Query Match	100.0	100.0	73.1	73.1	65.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
Score	26	26	19	19	17	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
Result No.	1	7	m	4	S	9	7	Φ	σ	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25

CTL activ CGMs of h Cadherin- Cadherin- Mouse MAD Plant ret CDR1 pept CDR1 pept Anti-IL-2 Region of Peptide u Bovine gr Allergen E2A/px1 G alpha p G alpha p Tn7 trans Human P-9	Amba Ia
Abr62039 Aaw41379 Aay62488 Aay62488 Abr61866 Adj81221 Add91221 Adg82646 Aaw418626 Aaw59036 Aaw59036 Aaw52313 Aay62383 Aay62383 Aab63526 Abg62388	Abb05808
ABR62039 AW41379 AW41379 AX62468 AX62468 ABR61866 ABR61866 ABR81823 AAP30309 AAW59030 AAW59030 AAW59030 AAW59030 AAW59030 AAW59030 AAW59030 AAW59030 AAW59030 AAW50303 AAW50303 AAW50303 AAW50303 AAW50303	ABB05808
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ALIGNMENTS

ABU62026 standard; peptide; 5 AA RESULT 1 ABU62026

ABU62026;

(first entry) 26-AUG-2003

Human blood coagulation factor Va peptide, L5S.

Human; blood coagulation factor Va; blood clotting factor Va; prothrombinase inhibition; prothrombinase-inhibiting peptide; blood clotting disorder; thrombotic disorder; blood clot formation; blood vessel obstruction; coronary artery disease; unstable angina; valvular heart disease; stable angina; myocardial infarction; atrial fibrillation; stroke; blood anticoagulation; anticoagulant.

Homo sapiens.

US2003040600-A1.

27-FEB-2003.

23-JUL-2001; 2001US-00911129

23-JUL-2001; 2001US-00911129

(KALA/) KALAFATIS M. (MANN/) MANN K.

Kalafatis M, Mann K;

WPI; 2003-492177/46.

οŧ Novel anticoagulant peptide derived from the amino acid region 307-356 human blood clotting factor Va, useful for preventing thrombotic disorders resulting from formation of blood clots that obstruct blood vessels.

Claim 10; Fig 2; 20pp; English.

The present invention relates to peptides derived from human blood coagulation (clotting) factor Va which exhibit inhibition of prothrombinase. A pharmaceutical composition comprising one or more of the prothrombinase-inhibiting peptides may be used for treating human subjects with blood clotting disorders. The peptides are useful for preventing thrombotic disorders resulting from the formation of blood clots that obstruct blood vessels, e.g. due to a condition chosen from

ADM09689 standard; peptide; 5 AA

RESULT 3 ADM09689 (first entry)

20-MAY-2004

ADM09689;

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coronary artery disease, valvular heart disease, stable and unstable angina, myocardial infarction, atrial fibrillation and stroke. The peptides of the invention exhibit an IC50 of between 50 nanoM-500 microM for inhibition of prothrombinase. The peptides exhibit excellent blood anticoagulation properties with little or no adverse side effects. The present sequence represents a peptide that inhibits prothrombinase
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                New prothrombinase-inhibiting peptide derived from a specific amino acid sequence of human blood coagulation factor Va, useful for treating human
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Prothrombinase inhibitor; human; blood coagulation factor Va; blood clotting disorder; thrombotic disorder; thrombolytic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 5;
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100.0%; Pred. No. 1.8e+06;
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100.0%; Pred. No. 1.8e+06;
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                                                                                                                                                                                                  0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Claim 10; SEQ ID NO 12; 20pp; English.
                                                                                                                                                                                                                                                                                                                                                  ADS64548 standard; peptide; 5 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               obstructs blood vessels. The p
coagulation factor Va peptide.
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                                                                                                                                                                                                  Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
Matches 5; Conser
                                                                                                                                                                Query Match
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Matches 5; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                  Human blood
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The invention describes a method of detecting proteins in sample. The method comprises: providing a solution of soluble peptide analytes contented by denaturation and/or cleavage of several sample proteins, and optionally, labeling the collection of peptides by a detectable part; contacting the solution with one or more capture agent(s), where each of the capture agent(s) is able to specifically recognise and interact with a unique recognition sequence (URS) of a reference protein; and detecting the binding between one or more of the capture agent(s) and the peptide analytes, where the detection of binding between a capture agent and a peptide analyte indicates the presence of the reference protein in the computing several of sample proteins. Also described are; and a method of several specific proteins in a multi-protein sample. The method of the invention is used in clinical or environmental diagnosis, drug discovery, protein sequencing and for the detection of a pathogen or contact of such as anthrax toxin, small pox toxin, and cholera toxin). A packaged protein detection array is useful for: quantifying various forms of poxtaged increases of natural or santhratics of natural or synthesic competitors of natural or non-natural ligands for the capture agent, competitors of natural or non-natural ligands for the capture agent, which may be of diagnostic, preparageuric or scientific interest; and to study the relationship between a subject protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       analytes, contacting solution with capture agents capable of interacting with unique recognition sequence of protein and detecting binding between
                                                                                                                                                             soluble peptide analyte; unique recognition sequence; URS; protein detection; clinical diagnosis; environmental diagnosis; drug discovery; protein sequencing; pathogen detection; toxin detection; anthrax toxin; small pox toxin; cholera toxin; spackaged brotein detection array; protein expression profile; drug screening; protein characterisation; disease prognosis; pathologic cell profiling; proteome epitope tag; human; proteome.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Detecting proteins comprises providing solution of soluble peptide
                                                                                                                    Human proteome unique recognition sequence (URS) seqid 13.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Claim 60; SEQ ID NO 13; 134pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Zhang S,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 01-JUL-2002; 2002US-0393137P.
01-JUL-2002; 2002US-0393197P.
01-JUL-2002; 2002US-0393211P.
01-JUL-2002; 2002US-039323P.
01-JUL-2002; 2002US-0393233P.
01-JUL-2002; 2002US-0393235P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                       12-MAY-2003; 2003US-00436549
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2002US-0430948P
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Chan JW,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (ENGE-) ENGENEOS INC.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  agents and analytes.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Meng X,
                                                                                                                                                                                                                                                                                                                                                                       US2004038307-A1.
                                                                                                                                                                                                                                                                                                                                  Homo sapiens.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  10-MAY-2002;
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Gaps

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expression profile and that subjects response to a foreign compound or drug. The methods of assaying differential protein expression are useful in the identification and validation of new potential drug targets as well as for drug screening. The capture agents are useful for protein characterisation, for screening, making prognosis of disease outcomes and providing treatment modality suggestion based on the profiling of the pathologic cells, prognosis of the outcome of a normal lesion and susceptibility of lesions to malignant transformation. The methods described are useful for identifying and/or detecting a specific organism based on the organisms proteome epitope tag. This is the amino acid sequence of a human proteome unique recognition sequence (URS).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Detecting post-translational modification on target protein in sample, by generating capture agent using target fragment sequence with modification site and epitope tag, contacting sample with agent, detecting fragment
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    The invention relates to detecting the presence of a post-translational modification on a target protein within a sample involving computationally analysing the amino acid sequence of the target protein to identity one or more candidate site for the post-translational
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Human, Protein Epitope Tag, PET, post-translational modification; epitope, kinase, proteome, severe acquired respiratory syndrome; SARS.
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                                                                                                                                                                                                                                        . 1.8e+06;
                                                                                                                                                                                                                                       Length 5;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Human proteome epitope tag (PET) ENSP0000000412 #4.
                                                                                                                                                                                                                                   73.1%; Score 19; DB 8; 75.0%; Pred. No. 1.8e+06
                                                                                                                                                                                                                                                   Pred. No. 1.86
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Example 3; SEQ ID NO 13; 309pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                     ADR70855 standard; peptide; 5 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Meng X, Livingston D
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2002US-0393211P.
2002US-0393223P.
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2002US-0393235P.
2002US-0393280P.
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                                                                                                                                                                                                                                                   Best Local Similarity 75.0
Matches 3, Conservative
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                                                                                                                                                                                                                                                                                                    2 DNFS 5
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                                                                                                                                                                                                     Sequence 5 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     01-JUL-2002;
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                                                                                                                                                                                                                                   Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                   ADR70855
                                                                                                                                                                                                                                                                                                                                                                                     RESULT 4
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c ragament encompasses the potential post-translational modification site and a procine peicope tag (PET) unique to the fragment within the sample) generating a capture agent to a support, subjecting the sample to the camber that specifically hinds the PET, immobilishing the capture agent to a support, subjecting the sample to the capture agent to a support, subjecting the sample to the capture agent to the capture agent and detecting in the fragment boulded to the capture agent and detecting in the fragment bound to the capture agent the presence or absence of the post-translational modification and business of a kinase (or enry agent for identifying all potential substrates of a kinase (or propertial substrates of an enzyme that catalysting post-translational modification methylation, writisoylation, modification, methylation, methylation, methylation, methylation, methylation, mylaton, methylation, methylation, mylaton, methylation, mylaton, mandation, a sample, a potential substrates of an enzyme that catalysing everal methylation, mylaton, mylaton, methylation, mylaton, mylaton, methylation, mylaton, mylat
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modification, computationally identifying the amino acid sequence of one or more fragment of the target protein (where the fragment predictably results from a treatment of the target protein within the sample, and the fragment encompasses the potential post-translational modification site
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 19; DB 8; Length 5;
Pred. No. 1.8e+06;
1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            is a PET peptide of the invention.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ABU12290 standard; peptide; 5 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       73.1%; 75.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  3; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Local Similarity
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DNFN 4
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Matches
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Blocking peptide used in composition for treatment and diagnosis of HIV

(first entry)

(revised)

25-MAR-2003 10-DEC-1990

AAP83010;

infections

HIV; gp110; monoclonal antibodies; neutralising region

ношо варіепв

GB2196634-A.

05-MAY-1988

AAP83010 standard; protein; 5 AA

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The invention discloses a ASTRO-FOLD approach for the ab anitio

prediction method for determining the existence and location of alpha-

comparison and arrangement of beca-sheets and disulphide bridges of a

polypeptide. The method comprises defining the first segment of the amino

acid sequence, performing atomistic modelling upon each segment,

comparison ansemble of low energy conformations, determining the

centropic and free energy for each segment and then ascertaining the

centropic and free energy for each segment including a majority of the

centropic and free energy for helical clusters. The segments consist of

centropic and free the first segment including a majority of the

camino acid residue(8), adjacent to the first amino acid sequence. The

camino acid residue(8), adjacent to the first amino acid sequence. The

comparison of distulphide bridges of a polypeptide are determined by

identifying a superstructure encompassing alternative beta-strand

arrangements, representing the superstructure by an integer-linear

comparison and distulphide bridges of a polypeptide are determined by

contact energy, and then solving the model. The method can

also apply energy modelling with a full atom force field potential to

correct a constrained global optimisation problem, optionally applying a

correct or angle dynamics algorithm and then solving the constrained global

coptimisation problem to determine the three-dimensional structure of the

colypeptide and is accurate and reliable. The sequences presented in

ABU12237-ABU122295 are the pentapeptides of the chymotrypain inhibitor,

coff a polypeptide and is accurate and reliable. The sequences presented in

coff a polypeptide and pentapeptides of the chymotrypain inhibitor,

coff a polypeptide and encomparison of the capitoral problem.
                                                                                                    Chymotrypsin inhibitor 2, 3CI2, alpha helix prediction pentapeptide #54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Determining helix regions, and beta sheets of polypeptide, involves partitioning peptide, atomistic modeling by selected force, generating ensemble low energy, and calculating free energies for each peptide.
                                                                                                                                                                                        ASTRO-FOLD; ab anitio; alpha-helix; beta-sheet; disulphide bridge; atomistic modelling; low energy conformation; entropic energy; free energy; equilibrium probability; helical cluster; integer-linear; mathematical model; hydrophobic contact energy; tatom force field potential; global optimisation; torsion angle; dynamic algorithm; three-dimensional structure; tertiary structure; chymotrypsin inhibitor; 3C12.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 17; DB 6; Length 5; Pred. No. 1.8e+06; 1; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Example 1; Page 62; 147pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           of the method of the invention
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60.0%;
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(first entry)
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Best Local Similarity
Matches 3; Conserv
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18-FEB-2003
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Monoclonal antibodies and peptide(s) - useful for treatment and diagnosis of human immuno:deficiency virus infections.

86US-00898273. 87US-00045026. 87US-00067996. 87US-00105761.

(GENE-) GENETIC SYSTEMS CORP

WPI; 1988-103268/15

Shriver MK;

87GB-00019587

19-AUG-1987; 20-AUG-1986; 01-MAY-1987; 29-JUN-1987; Claim 42; Page 24; 25pp; English.

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This is a blocking peptide which inhibits virus proliferation. It is useful, in conjunction with a monoclonal antibody to a neutralising region of HIV, for treatment or prophlaxis of HIV infections. N- and cterminals can have up to 20 amino acids attached. See also AAP83003-09 and AAP83011-12. This is equivalent to NLB701950 (accession no. is from this). (Updated on 25-MAR-2003 to correct PF field.) (Updated on 25-MAR-2003 to correct PR field.)
                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Pentapeptide which inhibits HIV binding to cell surface receptors.
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0
                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                        Length 5;
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50.0%; Pred. No. 1.8e+06;
:ive 2; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             HIV; psoriasis; neuropsychiatric disorders.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AAP91831 standard; protein; 5 AA.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                (revised)
(revised)
(revised)
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Best Local Similarity
2; Conserve
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                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 5 AA;
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DNYT
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17-DEC-2001
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Gaps

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Conservative

1 LDNFS 5 LDNIA 5

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RESULT 6 AAP83010

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The peptide is useful in the treatment and prevention of diseases or conditions caused by Herpes viruses, esp. Herpes Simplex Virus-1 (HSV-1), Human cytomegalovirus (HCV) or HSV-2, Varicella Zoster Virus (VZV), human cytomegalovirus (HCV) or Betein-Barr Virus (BBV). It can also be used to treat diseases and conditions caused by the family of herpes viruses in animals, e.g. Aujeakk's disease in pigs, bovine rhinotracheitis, rhinopharymgitis in horses, larymgotracheitis in poultry and Marek's disease in chickens. It can also be used in diagnostics. The peptide has never been reported to penetrate any type of cells, but only to occupy the CD4 receptors found on lymphocytes and it apparently penetrates the skin with relative ease. On lymphocytes and it apparently penetrates the skin with relative ease. A major advantage of the peptide is its almost complete lack of toxicity, which means that the use of high doses for an extended period of time is possible without any drawbacks. It is an example of a highly generic peptide (ApRZ6905,6). See also ApRZ6901-RZ6906. (Updated on 25-MAR-2003 to correct PP field.)
                                                                                                   New linear or cyclic peptide(s) including cysteine residue - occupy lymphocyte CD4 receptors, for treating and preventing virus infections with Herpes simplex, Varicella zoster, cytomegalovirus and Epstein-Barr
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CFS; fatigue; tension; anger; confusion; peptide T; HIV; synthetic; human immunodeficiency virus; gp 120.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Example of a generic peptide for treating chronic fatigue syndrome.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 16; DB 2; Length 5;
Pred. No. 1.8e+06;
2; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              'note= "Thr or D-Thr"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AAR28940 standard; peptide; 5 AA.
                                                                                                                                                                                                            5; Page 15; 21pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               61.5%;
50.0%;
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                   Macfadden DK;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (first entry)
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Best Local Similarity 50.0°
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                                                           WPI; 1992-316120/38.
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DNYT 5
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Misc-difference
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 5 AA;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         08-MAY-1992;
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                   Pedersen O,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      25-MAR-2003
23-MAR-1993
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AAR28940;
                                                                                                                                                                      virus.
                                                                                                                                                                                                            Claim
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                                                                                                                                                                                                                                                                                                                                                                                                                                     This peptide is used in a composition for treatment of chronic conditions eg neuropsychiatric disorders and psoriasis through inhibition of HIV-
cell surface receptor (CD4) binding. CD4 site is common to the CNS and immune system. ADD5- and non ADD5-related psoriasis both respond favourably to treatment with the peptide-containing composition. There are a range of forms which the composition and administration can take.
The aspartic acid residue can be replaced by a threonine residue.
The aspartic acid residue can be replaced by a threonine residue.
The aspartic acid residue can be used. (Note: Revised entry submitted to correct the patent number format of US Government-owned NIIS applications to prevent clashes with ongoing US granted patent numbers.
For further information please visit the Derwent web site at numbers.
For further cond/dupli/updates/ntis_us.html.) (Updated on 10-MAR-2003 to add missing OS field.) (Updated on 25-MAR-2003 to correct PF field.)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ö
                                                                                                                                                                                                                                                                                                                Use of short peptide(s) to inhibit binding of HIV to human cells - for treating psoriasis and neuro:psychiatric disorder including memory deficiency and mood disorder.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  HSV-2; Varicella Zoster virus; human cytomegalovirus;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ;
0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   61.5%; Score 16; DB 1; Length 5; 50.0%; Pred. No. 1.8e+06; Live 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Herpes simplex virus treatment peptide.
                                                                                                                                                               (USSH ) US DEPT HEALTH & HUMAN SERVICE.
(USDC ) US SEC OF COMMERCE.
                                                                                                                                                                                                                                                                                                                                                                                                      Disclosure; Page 8; 18pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AAR26902 standard; peptide; 5 AA.
                                                         89US-00352313
                                                                                                 88US-00199873
88US-00285559
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(first entry)
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Best Local Similarity 50.0
Matches 2; Conservative
                                                                                                                                                                                                                              Bridge P, Goodwin FK;
                                                                                                                                                                                                                                                                          WPI; 1989-378088/51.
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|DNYT 5
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                                                         16-MAY-1989;
                                                                                                 27-MAY-1988;
16-DEC-1988;
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                 10-0CT-1989
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20-MAY-1998
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Synthetic.

AAR26902;

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The invention relates to a group of linear or cyclic tetra- to decapeptides which include Peptide T and its analogues, where at least one of the amino acids may optionally have a monomeric or bylweric carbohydrate cubstituted onto a hydroxyl, amino and/or amido group. In one aspect the invention relates to the use of these peptides for the treatment of inflammation; and in another aspect it relates to those peptides in which the carbohydrate moiety is present (other than glycosylated Prototype Peptide T) as new chemical entities. The present peptide is one of 10 specific peptides listed in a sub-claim for use in the treatment of inflammation. The peptides act as immunomodulators in the treatment and prevention of inflammation. In particular they can be used in the treatment of multiple sclerosis, myopathies (including HTLV-1 associated myopathies) and symptoms and diseases associated with chronic immune cutvation including chronic fatigue syndrome, toxic shock, arthritis, inflammatory bowel disease, and host-versus-graft and graft-versus-host responses in transplant recipients. (Updated on 25-MAR-2003 to correct PN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           The invention relates to a new method of treating eczema or dermatitis using Peptide T and its variants. The present sequence represents one of the preferred variants. (Updated on 25-MAR-2003 to correct PN field.)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
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Best Local Similarity 50.0%; Pred. No. 1.8e+06;
Matches 2; Conservative 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 5;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            prototype; octapeptide; eczema; dermatitis.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 16; DB 2; Le
Pred. No. 1.8e+06;
2; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Peptide T variant used for treating eczema.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AAR59489 standard; peptide; 5 AA.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    61.5%;
50.0%;
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26-NOV-1995
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                      field.)
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                                                                                                                                                                                                         The synthetic peptide is an example of a generic peptide whose sequence is based on the sequence of peptide T, a sub region of HIV gp120 responsible for binding to brain membrane and human T cells. The peptide may be used for treatment of chronic fatigue syndrome not associated with HIV infection. The peptide will reduce fatigue, tension, anger and confusion and improves cognitive and neuromoter performance. See also AAR28918-42. (Updated on 25-MAR-2003 to correct PN field.)
                                                                                         Peptide compsns. for treating chronic fatigue syndrome - ameliorate symptoms and improve vigour and cognitive and neuro-motor performance.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Inflammation, antiinflammatory; immunomodulator; HTLV-1; multiple sclerosis; myopathy; chronic fatigue syndrome; toxic shock; arthritis; inflammatory bowel disease; host-versus-graft; graft-versus-host; transplant.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     61.5%; Score 16; DB 2; Length 5; ilarity 50.0%; Pred. No. 1.8e+06; Conservative 2; Mismatches 0; Indels
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Widmer F;
                                                                                                                                                                     Disclosure; Page 4; 21pp; English.
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92DK-00000645.
92US-00915118.
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Rathjen D,
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                                         WPI; 1992-398525/48
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nes 2; Conserv
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Modified-site
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22-JUN-1994
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Synthetic.
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WPI; 1995-170235/22
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Les 3; Conserv
                                                                                                                                 induced disease.
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                                                                                                                                                                                                                                                                                 Sequence 5 AA;
                                                                                                                                                                                                                                                                                                                                                1 NFS 3
                 19-OCT-1994;
                                 19-OCT-1993;
                                       26-APR-1994;
19-SEP-1994;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          19-OCT-1993;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  26-APR-1994;
19-SEP-1994;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         WO9511317-A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          19-OCT-1994;
 27-APR-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         27-APR-1995
                                                                                Barbas CF,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Synthetic.
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Matches
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                                                                                                                                                                                                                                                                                Treatment or prevention of Crohn's disease or ulcerative colitis - by use of specified peptide, e.g. Peptide T.
                                                                                                                               peptide T; prototype; octapeptide; Crohn's disease; ulcerative; colitis.
                                                                                                                                                                                                                                                                                                                       The invention relates to a new method of treating or preventing Crohn's disease and/or ulcerative colitis using Peptide T and its variants. The present sequence is one of the preferred peptides. (Updated on 25-MAR-2003 to correct PN field.)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Human; Fab; variable chain; heavy; light; region; VH; VL; HIV; gpl20;
3bl; 3b3; 3b4; 3b9; MT4; humanised; monoclonal antibody; MAb;
immunoreaction; neutralisation; passive immunotherapy.
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                                                                                                                                                                                                                                                                                                                                                                                61.5%; Score 16; DB 2; Length 5; 50.0%; Pred. No. 1.8e+06; ive 2; Mismatches 0; Indels
                                                                                                               Peptide T variant for use in treating Crohn's disease.
                                                       AAR61484 standard; peptide; 5 AA.
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                                                                                                                                                                                                                                                                                                        Claim 3; Page 15; 24pp; English.
                                                                                                                                                                                                                                (PEPT-) PEPTIDE TECHNOLOGY LTD.
                                                                                                                                                                                                 94WO-AU000575
                                                                                                                                                                                                                93AU-00001448
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        gp120 binding Fab VH CDR1 #7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AAR75581 standard; peptide;
                                                                                       (revised)
(first entry)
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Best Local Similarity 50.0
Matches 2; Conservative
                                                                                                                                                                                                                                                Sleigh MJ;
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DNFS
          DNYT
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                                                                                                                                                                                                                                                Michaelis J,
                                                                                                                                                               WO9508339-A1
                                                                                                                                                                                                26-SEP-1994;
                                                                                      25-MAR-2003
26-NOV-1995
                                                                                                                                                                                30-MAR-1995
                                                                                                                                                Synthetic.
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                                                                       AAR61484;
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                                       RESULT 12
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The sequences given in AAR75575-94 represent copmlementarity determining region 1 (CDR1) from various mutagenised human Pab's which comprise a variable chain heavy regions (VH), which blind to HIV gpl20. The Fab's are based on the Fab MT4 and have the same amino acid composition as MT4 but have randomised amino acids in the entire CDR1 and in four of the 18 amino acid residues in CDR3 (see also AAR75596-603). These Fab's are used in the production of a human monoclonal antibody (MAb) which is capable of immunoreacting with, and neutralising HIV. The MAb's are capable of reducing HIV infectivity titre in an in vitro virus infectivity assay by 50% at a concentration of <100 ng of antibody per ml. They can be used to provide passive immunotherapy to HIV in a human. They neutralise HIV more effectively than antibodies selected from non-randomised combinatorial
                                                                                                                                                                                                                                                                                                                                                                                                                                    Synthetic human neutralising monoclonal antibodies to human immunodeficiency virus - used for diagnosis and immuno:therapy of HIV-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Human, Fab; variable chain; heavy; light; region; VH; VL; HIV; gpl20;
3b1; 3b3; 3b4; 3b9; MT4; humanised; monoclonal antibody; MAb;
immunoreaction; neutralisation; passive immunotherapy.
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100.0%; Pred. No. 1.8e+06;
ive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                            Lerner RA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AAR75592 standard; peptide; 5 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Example 2; Fig 5; 249pp; English.
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94US-00233619.
94US-00308841.
                                                                    93US-00139409.
94US-00233619.
94US-00308841.
94WO-US011907
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                                                                                                                                                                                                                (SCRI ) SCRIPPS RES INST
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Lerner RA;

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Burton DR,
    WPI; 1995-170235/22
                                                            Sequence 5 AA;
                                                                                                                            JP08040926-A
                                                                                                                                      03-AUG-1994;
                                                                                                                                            03-AUG-1994;
                                                                                                      22-AUG-1996
                                                                                                                                 13-FEB-1996.
Barbas CF,
                                                                                                                       Synthetic.
                                                                                                 AAR97812;
                                                                Query Match
                                                                   Best Loc
Matches
                                                                                       RESULT 15
                                                                                          AAR97812
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Vasoactive intestinal peptide and related compounds are known to have strong vasodilatory activity. They have now been found to be effective in the treatment of skin ulcers, esp. decubitus ulcers but also burn ulcers, diabetic ulcers, etc. VIP(1-28) is the preferred peptide for use in the novel skin ulcer remedy, but the related compounds VIP(1-12), VIP(7-11), VIP(10-28) and VIP(7-11, Thr8) are also suitable
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Remedy for dermal ulcer - comprises vasoactive intestinal polypeptide as active component.
Synthetic human neutralising monoclonal antibodies to human immunodeficiency virus - used for diagnosis and immuno:therapy of HIV-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Vasoactive intestinal peptide; VIP; vasodilation; hyperkinemic; skin;
burn; decubitis; diabetes; ulcer; bedsore; pressure sore.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
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100.0%; Pred. No. 1.8e+06;
ive 0; Mismatches 0;
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                                                                                                                                                                    Example 2; Fig 5; 249pp; English.
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nes 3; Conserv
                                                                                  induced disease
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0
                                   61.5%; Score 16; DB 2; Length 5; 50.0%; Pred. No. 1.8e+06;
                                                              2; Mismatches
                                                                                                                                                     Search completed: September 10, 2005, 01:12:06 Job time : 166 secs
                                                              2; Conservative
                                               Best Local Similarity
Matches 2; Conserv
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DNYT 5
                                                                                        2 DNFS 5
            Sequence 5 AA;
                                    Query Match
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Sequence 37, Appl Sequence 27, Appl Sequence 242, Appl Sequence 1725, Appl Sequence 1725, Appl Sequence 17, Appl Sequence 23, Appl Sequence 23, Appl Sequence 23, Appl Sequence 2134, Appl
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Sequence 44, Appl
Sequence 322, App
Sequence 585, App
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Sequence 624, Appl
Sequence 628, Appl
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Sequence
Sequence
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Sequence 12, Application US/09911129B
Sequence 12, Application US/09911129B
Sequence 12, Application US/09911129B
Sequence 12, US-0300440600A1
GENERAL INFORMATION:
APPLICANT: Cleveland State University
APPLICANT: Kalafatis, Michael
TITLE OF INVENTION: Thrombin Generation Inhibitor
FILE REFERENCE: 27433/04004
CURRENT APPLICATION NUMBER: US/09/911,129B
CURRENT FILING DATE: 2002-03-19
NUMBER OF SEQ ID NOS: 17
SOFTWARE: PatentIn version 3.1
US-09-788-006-162

US-09-315-37

US-09-313-94RE-27

US-10-006-869-1725

US-10-006-869-1725

US-10-102-058A-3

US-10-102-058A-3

US-10-102-058A-3

US-10-102-058A-3

US-10-1087-1075

US-10-807-1075

US-10-807-1075

US-10-910-059-23

US-10-910-059-23

US-10-06-869-3134

US-10-06-869-3134

US-10-910-059-2134

US-10-915-515-146

US-10-916-869-3134

US-10-98-310-315-515-146

US-10-98-312-146

US-10-98-312-146

US-10-98-312-146

US-10-35-60-197

US-10-35-60-197

US-10-36-69-44

US-10-10-66-869-322

US-10-377-134-89

US-10-377-134-89

US-10-416-249-628

US-10-416-249-628

US-10-416-249-628
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Pred. No. 1.6e+06;
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100.0%; Pred
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US-10-795-795-12
US-10-795-795-12
; Sequence 12, Application US/10795795
; Publication No. US20040186271A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  5; Conservative
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
Matches 5; Conserv
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        SEQ ID NO 12
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                                                                                                                                September 10, 2005, 01:15:05; Search time 159 Seconds (without alignments) 12.404 Million cell updates/sec
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1: /cgn2_6/ptodata/1/pubpaa/NST_NEW PUB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/PST_NEW PUB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/NST_NEW PUB.pep:*
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5: /cgn2_6/ptodata/1/pubpaa/NSO6_PUBCOMB.pep:*
6: /cgn2_6/ptodata/1/pubpaa/NSO6_PUBCOMB.pep:*
7/cgn2_6/ptodata/1/pubpaa/NSO8_NEW PUB.pep:*
8: /cgn2_6/ptodata/1/pubpaa/NSO8_PUBCOMB.pep:*
9: /cgn2_6/ptodata/1/pubpaa/NSO8_PUBCOMB.pep:*
11: /cgn2_6/ptodata/1/pubpaa/NSO8_PUBCOMB.pep:*
11: /cgn2_6/ptodata/1/pubpaa/USO9_PUBCOMB.pep:*
11: /cgn2_6/ptodata/1/pubpaa/USO9_NEW PUB.pep:*
11: /cgn2_6/ptodata/1/pubpaa/USO9_NEW PUB.pep:*
12: /cgn2_6/ptodata/1/pubpaa/USO9_NEW PUB.pep:*
13: /cgn2_6/ptodata/1/pubpaa/USOB_NEW PUB.pep:*
14: /cgn2_6/ptodata/1/pubpaa/USOB_NEW PUB.pep:*
15: /cgn2_6/ptodata/1/pubpaa/USOB_NEW PUB.pep:*
16: /cgn2_6/ptodata/1/pubpaa/USOB_NEW PUB.pep:*
17: /cgn2_6/ptodata/1/pubpaa/USOB_NEW PUB.pep:*
18: /cgn2_6/ptodata/1/pubpaa/USOB_NEW PUB.pep:*
19: /cgn2_6/ptodata/1/pubpaa/USOB_NEW PUB.pep:*
10: /cgn2_6/ptodata/1/pubpaa/USOB_NEW PUB.pep:*
11: /cgn2_6/ptodata/1/pubpaa/USOB_NEW PUB.pep:*
12: /cgn2_6/ptodata/1/pubpaa/USOB_NEW PUB.pep:*
13: /cgn2_6/ptodata/1/pubpaa/USOB_NEW PUB.pep:*
14: /cgn2_6/ptodata/1/pubpaa/USOB_NEW PUB.pep:*
15: /cgn2_6/ptodata/1/pubpaa/USOB_NEW PUB.pep:*
16: /cgn2_6/ptodata/1/pubpaa/USOB_NEW PUB.pep:*
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                        GenCore version 5.1.6
(c) 1993 - 2005 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                                                  1777461 segs, 394431504 residues
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Maximum Match 100%
Listing first 45 summaries
                                                                                                protein search, using sw model
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Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                             US-10-795-795-12
26
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Match Length
                                                                                                                                                                                                                                                     1 LDNFS 5
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                                                                                                                                                                                                                 Title:
Perfect score:
                                                                                                                                                                                                                                                                                           Scoring table:
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119
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                                                                                                                                      Run on:
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APPLICANT: LEE, FRANK D.
APPLICANT: LEE, FRANK D.
APPLICANT: LEI, FRANK D.
APPLICANT: LEI, FRANK D.
APPLICANT: LEI, FRANK D.
APPLICANT: LIVINGSTON, DAVID
TITLE OF INVENTION: PROTECME PRITOPE TAGS AND METHODS OF USE THEREOF IN PROTEIN
TITLE OF INVENTION: PROSE-PO2-001
CURRENT APPLICATION NUMBER: US/10/12,425
CURRENT FILING DATE: 2003-11-13
FRIOR PELING DATE: 2002-07-01
FRIOR APPLICATION NUMBER: 60/393,233
FRIOR PELING DATE: 2002-07-01
FRIOR APPLICATION NUMBER: 60/393,280
FRIOR PELING DATE: 2002-07-01
FRIOR PELING DATE: 2002-12-04
FRIOR PELIN
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APPLICANT: YUEN, KWOK YUNG
APPLICANT: YUEN, KWOK YUNG
APPLICANT: POON, LIT MAN
APPLICANT: POON, LIT MAN
APPLICANT: GHAN, KWOK HUNG
APPLICANT: CHAN, KWOK HUNG
APPLICANT: OF INVENTION: A DIAGNOSTIC ASSAY FOR THE HUMAN VIRUS CAUSING SEVERE ACUTE
TITLE OF INVENTION: A DIAGNOSTIC ASSAY FOR THE HUMAN VIRUS CAUSING SEVERE ACUTE
FILE REFERENCE: V9661.0078
FILE REFERENCE: V9661.0078
CURRENT APPLICATION NUMBER: US/10/808,187
CURRENT APPLICATION NUMBER: 60/457,031
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Pred. No. 1.6e+06;
1; Mismatches 0; Indels
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Sequence 2261, Application US/10808187
; Publication No. US2005009009A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                 ; Sequence 13, Application US/10712425; Publication No. US20040180380A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  73.1%;
75.0%;
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Best Local Similarity 75.v.
3; Conservative
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ORGANISM: Homo sapiens
                                1 DNFN 4
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DNFS 5
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US-10-712-425-13
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PUBLication No. US20040033307A1
GENERAL INPORMATION:
APPLICANT: Lee, Frank D.
APPLICANT: Meng Dr. Xun
APPLICANT: Tend, John W.
APPLICANT: Chan, John W.
APPLICANT: Chan, John W.
APPLICANT: Chan, John W.
APPLICANT: Chan, Shengshen J.
APPLICANT: Chan, Shengshen J.
TITLE OF INVENTION: PROTOEN ANALYSIS
FILE REFRENCE: ENGR-POLO01
TITLE OF INVENTION: UNIQUE RECCRNITION SEQUENCES AND METHODS OF USE THEREOF IN
TITLE OF INVENTION: UNIQUES: US/10/436,549
CURRENT FILING DATE: 2003-05-12
PRIOR FILING DATE: 2003-05-12
PRIOR FILING DATE: 2003-05-12
PRIOR APPLICATION NUMBER: 60/393,235
PRIOR FILING DATE: 2002-07-01
PRIOR APPLICATION NUMBER: 60/393,235
PRIOR FILING DATE: 2002-07-01
PRIOR PLILING DATE: 2002-07-01
PRIOR PLILOR DATE: 2002-07-01
PLICATION NUMBER: 60/393,137
PLICATION NUMBER
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Best Local Similarity 100.0%; Score 26; DB 16; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.6e+06;
Matches 5; Conservative 0; Mismatches 0; Indels
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                                APPLICANT: Kalafatis, Michael
APPLICANT: Mann, Kanneth G.
TITLE OP INVENTION: Thrombin Generation Inhibitor
FILE REFERENCE: 27433/04004
CURRENT APPLICATION NUMBER: US/10/795,795
CURRENT FILING DATE: 2004-03-08
PRIOR APPLICATION NUMBER: US/09/911,129B
PRIOR FILING DATE: 2002-00-19
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin version 3.1
APPLICANT: Cleveland State University
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
CORGANISM: Homo sapiens
US-10-795-795-12
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1 LDNFS 5
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; ORGANISM: Human
US-10-436-549-13
                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQ ID NO 12
LENGTH: 5
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| APPLICANT: LEUNG, FREDERICK C. |
APPLICANT: LEUNG, FREDERICK C. |
APPLICANT: PEIRIS, JOSEH S. M. |
APPLICANT: PEIRIS, JOSEH S. M. |
APPLICANT: PEIRIS, JOSEH S. M. |
APPLICANT: POW, LIT WAN |
APPLICANT: GUAN, YI |
APPLICANT: GUAN, XI |
APPLICANT: GUAN, XI |
APPLICANT: GUAN, XI |
APPLICANT: NICHOLLS, JOHN M. |
ITILE OF INVENTION: A HIGH-THROUGHPUT DIAGNOSTIC ASSAY FOR THE HUMAN VIRUS |
ITILE OF INVENTION: A HIGH-THROUGHPUT DIAGNOSTIC ASSAY FOR THE HUMAN VIRUS |
ITILE OF INVENTION: A HIGH-THROUGHPUT DIAGNOSTIC ASSAY FOR THE HUMAN VIRUS |
ITILE REFERENCE: V9661.0077 |
CURRENT FILING DATE: 2004-03-24 |
FRIOR APPLICATION NUMBER: 60/457, 330 |
FRIOR APPLICATION NUMBER: 60/457, 330 |
FRIOR FILING DATE: 2003-04-02 |
FRIOR FILING DATE: 2003-04-03 |
FRIOR PLICATION NUMBER: 60/460, 357 |
FRIOR PLICATION NUMBER: 60/460, 357 |
FRIOR PLICATION NUMBER: 60/460, 357 |
FRIOR PLICATION NUMBER: 60/460, 358 |
FRIOR PLICATION NUMBER: 60/460, 358 |
FRIOR PLICATION NUMBER: 60/460, 330 |
FRIOR FILING DATE: 2003-04-13 |
FRIOR FILING DATE: 2003-04-13 |
FRIOR FILING DATE: 2003-04-25 |
FRIOR APPLICATION NUMBER: 60/460, 335 |
FRIOR FILING DATE: 2003-04-35 |
FRIOR FILING DATE: 2003-05-14 |
FRI
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                                                                                                                                                                       Query Match 73.1%; Score 19; DB 17; Length 5; Best Local Similarity 75.0%; Pred. No. 1.6e+06; Matches 3; Conservative 1; Mismatches 0; Indels
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; ORGANISM: Human severe acute respiratory system virus
US-10-807-807-2261
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; Sequence 2261, Application US/10807807
; Publication No. US20050181357A1
; GENERAL INFORMATION:
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Best Local Similarity 75.0
Matches 3; Conservative
                                  ; ORGANISM: Homo sapiens
US-10-773-032-13
                                                                                                                                                                                                                                                                                                                                                                                                                              | | | :
| DNFN 4
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US-10-807-807-2261
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USC-10-773-032-13

Sequence 13, Application US/1073032

Publication No. US20050069911A1

SEMERAL INFORMATION:

APPLICANT: MESG, XUN

APPLICANT: MESG, XUN

APPLICANT: MESG, XUN

TITLE OF INVENTION: WOURER EPITOPE TAGS AND METHODS OF USE THEREOF IN PROTEIN

TITLE OF INVENTION: WOURER: US/10/17, 032

CURRENT APPLICATION WUMBER: US/10/17, 032

CURRENT APPLICATION WUMBER: US/10/17, 032

CURRENT APPLICATION WUMBER: US/10/17, 032

CURRENT PILING DATE: 2003-05-12

PRIOR FILING DATE: 2003-05-12

PRIOR PILING DATE: 2002-05-10

PRIOR PILING DATE: 2002-07-01

PRIOR PILING DATE: 2002-07-01

PRIOR FILING DATE: 2002-07-01

PRIOR FILING DATE: 2002-07-01

PRIOR FILING DATE: 2002-07-01

PRIOR FILING DATE: 2002-07-01

PRIOR PILING DATE: PALENTING 
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; TYPE: PRT
; ORGANISM: Human severe acute respiratory system virus
US-10-808-187-2261
PRIOR FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: 60/457,730
PRIOR PILING DATE: 2003-03-26
PRIOR PLING DATE: 2003-04-02
PRIOR APPLICATION NUMBER: 60/469,931
PRIOR APPLICATION NUMBER: 60/460,357
PRIOR APPLICATION NUMBER: 60/461,265
PRIOR PILING DATE: 2003-04-08
PRIOR FILING DATE: 2003-04-14
PRIOR PILING DATE: 2003-04-14
PRIOR PILING DATE: 2003-04-14
PRIOR PILING DATE: 2003-04-14
PRIOR PILING DATE: 2003-04-23
PRIOR PILING DATE: 2003-05-16
PRIOR POPLICATION NUMBER: 60/471,200
PRIO
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2 DNFA 5
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LENGTH: 5
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Best Local Similarity 100.
Matches 3; Conservative
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Best Local Similarity 60.0
Matches 3; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                            ; TYPE: PRT
; ORGANISM: Hordeum vulgare
US-09-788-006-163
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ORGANISM: Hordeum vulgare
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US-09-788-006-162
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APPLICANT: GUIGUENO, AGNES
APPLICANT: GUIGUENO, AGNES
TITLE OF INVENTION: POLYPEPTIDE NUCLEIG SEQUENCES EXPORTED FROM MYCOBACTERIA,
TITLE OF INVENTION: POLYPEPTIDE NUCLEIG SEQUENCES EXPORTED FROM MYCOBACTERIA,
TITLE OF INVENTION: VECTORS COMPRIGATES
TITLE OF INVENTION: PREVENTING TUBERCULOSIS
CURRENT APPLICATION NUMBER: 105/09/455,604
CURRENT FILING DATE: 2001-05-16
PRIOR FILING DATE: 1998-08-14
PRIOR FILING DATE: 1998-08-14
PRIOR FILING DATE: 1997-08-14
PRIOR FILING DATE: 1997-08-14
PRIOR FILING DATE: 1997-08-14
PRIOR FILING DATE: 1997-09-11
NUMBER OF SEQ ID NOS: 935
SOCTWARER PROMERIN VECT. 2.1
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APPLICANT: GICQUEL, BRIGITTE
APPLICANT: DORINGI, DENIS
APPLICANT: DORINGI, DENIS
APPLICANT: DIM, ENG-MONG
APPLICANT: LIM, ENG-MONG
APPLICANT: GUIGGENO, AGNES
APPLICANT: GUIGGENO, AGNES
APPLICANT: GOGUET DE LA SALMONIERE, YVES
TITLE OF INVENTION: VECTORS COMPRISING SAME AND USES FOR DIAGNOSING AND
TITLE OF INVENTION: VECTORS COMPRISING SAME AND USES FOR DIAGNOSING AND
TITLE OF INVENTION: VECTORS COMPRISING SAME AND USES FOR DIAGNOSING AND
CURRENT APPLICATION NUMBER: US/09/855,604
CURRENT FILING DATE: 2001-05-16
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Best Local Similarity 100.0%; Pred. No. 1.6e+06;
Matches 3; Conservative 0; Mismatches 0; Indels
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PRIOR APPLICATION NUMBER: PCT/FR98/01813
PRIOR PLING DATE: 1998-08-14
PRIOR PLING DATE: 1997-08-14
PRIOR PLING DATE: 1997-09-11
PRIOR PLING DATE: 1997-09-11
NUMBER OF SEQ ID NOS: 935
SOFTWARE: PATENTIN VOR: 2.1
SEQ ID NO 905
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; TYPE: PRT
; ORGANISM: Mycobacterium tuberculosis
US-09-855-604-905
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Best Local Similarity 100.0
Matches 3; Conservative
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Sequence 163, Application US/09788006

Publication No. US2003036093A1

GENERAL INFORMATION:
APPLICANT: Floudas, Christopher A.
APPLICANT: Klepels, John L.
TITLE OF INVENTION: Methods of Ab Initio Prediction of Alpha Helices, Beta Sheets, and TITLE OF INVENTION: Polypeptide Tertiary Structures
TITLE OF INVENTION: Polypeptide Tertiary Structures
TITLE OF INVENTION: Polypeptide Tertiary Structures
CURRENT APPLICATION NUMBER: US/09/788,006
CURRENT FILING DATE: 2001-02-16
NUMBER OF SEQ ID NOS: 170
SOFTWARE: Patentin version 3.0
SOFTWARE: Patentin version 3.0
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Publication No. US20030036093A1

GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Floudas, Christopher A.

APPLICANT: Floudas, Christopher A.

TITLE OF INVENTION: Methods of Ab Initio Prediction of Alpha Helices, Beta Sheets, and TITLE OF INVENTION: Polypeptide Tertiary Structures

TITLE REFERENCE: PU-0007

TITLE REFERENCE: PU-0007

CURRENT APPLICATION NUMBER: US/09/788,006

CURRENT FILING DATE: 2001-02-16

NUMBER OF SEQ ID NOS: 170

SOFTWARE: PatentIn version 3.0

SEQUENCE OF THE PATENCE OF THE 
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Publication No. US20030036093A1

GENERAL INFORMATION:
APPLICANT: Floudas, Christopher A.
TITLE OF INVENTION: Methods of Ab Initio Prediction of Alpha Helices, Beta Sheets, an TITLE OF INVENTION: Polypeptide Tertiary Structures
FILE REFERENCE: PU-0007
TITLE OF INVENTION: WUMBER: US/09/788,006
CURRENT FILING DATE: 2001-02-16
NUMBER OF SEQ ID NOS: 170
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Pred. No. 1.6e+06;
1; Mismatches 1; Indels
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APPLICANT: Ptashne, et al.,

TITLE OF INVENTION: Transcriptional Activation System, Activators, and Uses
TITLE OF INVENTION: Therefor
FILE REPERBYCE: 0342941-0065
CURRENT APPLICATION NUMBER: US/09/943,944E
CURRENT PILING DATE: 2001-08-31
NUMBER OF SEQ ID NOS: 238
SOFTWARE: Patentin Ver. 2.1
LENGTH: 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 242, Application US/10006869
| Publication No. US2003002166A1
| GENERAL INFORMATION:
| APPLICAMY: Blaschuk, Orest W. |
| APPLICAMY: Symonds, James Matthew |
| APPLICAMY: Gour, Barbara J. |
| TITLE OF INVENTION: CADHERIN-MEDIATED FUNCTIONS |
| TITLE OF INVENTION: CADHERIN-MEDIATED FUNCTIONS |
| TITLE OF INVENTION: CADHERIN-MEDIATED FUNCTIONS |
| TITLE OF INVENTION WHOMER: US/10/006,869 |
| CURRENT APPLICAMY: 2001-12-03 |
| CURRENT PLING DATE: 2001-12-03 |
| SOFTWARE: Patentin Ver. 2.0 |
| SEQ ID NO 242 |
| TYPE: PRT |
| COMMANISM: Attificial Sequence |
| COMMANISM: COMM
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US-09-943-944E-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; OTHER INFORMATION: Representative linear modulating agent based on ; OTHER INFORMATION: cadherin-8 cell adhesion recognition sequence US-10-006-869-242
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                                                                                                                                                                                                                                                                                                         TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 75.0.
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Best Local Similarity 60.0
Matches 3; Conservative
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US-10-006-869-242
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US-09-315-355-37
Sequence 137, Application US/09315355
Publication No. US20030157482A1
GENERAL INFORMATION:
APPLICANT: KEESE, SUSAN
APPLICANT: OBAR, ROBERT
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE
TITLE OF INVENTION: DETECTION OF CERVICAL CANCER
NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
ADDRESSEE: Testa, Hurwitz & Thibeault
STREET: 125 High St.
CITY: Boston
STATE: MA
COUNTRY: USA
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                                                                                                                                                                                                               Length 5;
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: COMPUTER: COMPATIBLE FC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/315,355
                                                                                                                                                                                                            Score 16; DB 10; I
Pred. No. 1.6e+06;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: GREENHALGH, DUNCAN A
REGISTRATION NUMBER: 38,678
REFERENCE/DOCKET NUMBER: MTP-023 (8395/27)
TELECOMMUNICATION INFORMATION:
TELEPRAX: (617) 248-7100
TELEPAX: (617) 248-7100
                                                                                                                                                                                         61.5%; Scor.
100.0%; Pred. No. ...
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SOFTWARE: PatentIn version 3.0 SEQ ID NO 162
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Best Local Similarity 100.
Matches 3; Conservative
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Best Local Similarity 100.
                                                                                   ; TYPE: PRT
; ORGANISM: Hordeum vulgare
US-09-788-006-162
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      5 amino acids
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STRANDEDNESS:
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US-09-943-944E-27
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Human Human Human Human

Human Human Human Human Human Human

Human Human Human

Human Human Human

Abr26948 B Adk10717 B Adk10716 B

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Novel anticoagulant peptide derived from the amino acid region 307-356 human blood clotting factor Va, useful for preventing thrombotic disorders resulting from formation of blood clots that obstruct blood
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Human; blood coagulation factor Va; blood clotting factor Va; prothrombinase inhibition; prothrombinase-inhibiting peptide; blood clotting disorder; thrombotic disorder; blood clot formation; blood vessel obstruction; coronary artery disease; unstable angina; valvular heart disease; stable angina; atrial fibrillation; stroke; blood anticoagulation; atricoagulant.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Human blood coagulation factor Va peptide, AP4
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                    ADE67607
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ADE66812
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ADE6608
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ADE69610
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  Kalafatis M, Mann K;
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(MANN/) MANN K.
US2003040600-A1.
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                                                                                                                                   1. ; Search time 64 Seconds (without alignments) 60.431 Million cell updates/sec
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Compugen Ltd.
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                    version :
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The present invention relates to peptides derived from human blood coagulation (clotting) factor Va which exhibit inhibition of prothrombinase. A pharmaceutical composition comprising one or more of the prothrombinase-inhibiting peptides may be used for treating human subjects with blood clotting disorders. The peptides are useful for preventing thrombotic disorders resulting from the formation of blood clots that obstruct blood vessels, e.g. due to a condition chosen from coronary artery disease, valvular heart disease, stable and unstable angina, myocardial infarction, atrial fibrillation and stroke. The peptides of the invention exhibit an ICSO of between 50 nanoM-500 microM for inhibition of prothrombinase. The peptides exhibit excellent blood anticoagulation properties with little or no adverse side effects. The present sequence represents a peptide that inhibits prothrombinase
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Novel anticoagulant peptide derived from the amino acid region 307-356 human blood clotting factor Va, useful for preventing thrombotic disorders resulting from formation of blood clots that obstruct blood
                                                                                                                                                                                                                                         Human; blood coagulation factor Va; blood clotting factor Va; prothrombinase inhibition; prothrombinase-inhibiting peptide; blood clotting disorder; thrombotic disorder; blood clot formation; blood vessel obstruction; coronary artery disease; unstable angina; valvular heart disease; stable angina; myocardial infarction; atrial fibrillation; stroke; blood anticoagulation; anticoagulation.
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100.0%; Pred. No. 2..
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                                                                  ABU62019 standard; peptide; 10 AA.
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(MANN/) MANN K.
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                                              microM
coronary artery disease, valvular heart disease, stable and unstable angina, myocardial infarction, atrial fibrillation and stroke. The peptides of the invention exhibit an ICSO of between 50 nanoM-500 micro for inhibition of prothrombinase. The peptides exhibit excellent blood anticoagulation properties with little or no adverse side effects. The present sequence represents a peptide that inhibits prothrombinase
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                                                                                                                                                                                                                        100.0%; Score 55; DB 6; Length 10; 100.0%; Pred. No. 0.0029; tive 0; Mismatches 0; IndelB
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADS64542 standard; peptide; 10 AA.
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This invention relates to the DNA and protein sequences of novel isolated ICK (Inhibitors of Cyclin Dependent Kinases) proteins. The sequences of the invention may be used for treating disorders characterised by insufficient or excessive production of an ICK inhibitor. The protein of the invention may also be used to screen for naturally-occurring ICK substrates, drugs or compounds which modulate ICK activity, as well as to ICK protein, forms which have decreased or aberrant activity compared to ICK protein, forms which have decreased or aberrant activity compared to ICK wild type protein. The present sequence represents an inhibitor of cyclin dependent kinase (ICK) protein of the invention
                                                                                                                      Novel plant ICK (Inhibitors of Cyclin Dependent Kinases) polypeptide used to screen substrates, drugs or compounds which modulate ICK activity and treat disorders characterized by an insufficient or excessive production
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Ovulation regulation, gonadotropin, luteinising hormone, antiovulatory, follicle stimulating hormone, luteinising hormone releasing hormone.
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                                 Mironov V,
                                 Droual A,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /label= N-succinyl-D-Phe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       'label= D-p-chloroPhe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            label= Ser(O-benzyl)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  label= Arg(NG-tosyl)
                                                                                                                                                                                                                Disclosure, Page 14; 141pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AAP10167 standard; peptide; 10 AA.
                                   Peres Bota AM,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           'label= D-Trp
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                label= D-Phe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       49.1%;
75.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   79CA-00329643.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           6; Conservative
(CROP-) CROPDESIGN NV.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (revised)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 EAFFARE 10
                                                                                    WPI; 2002-471311/50
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Local Similarity
                                                                                                                                                                                of ICK inhibitors.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2 EYFIAAEE
                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 10 AA;
                                 Frankard VMS,
Hatzfeld Y;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Modified-site
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Modified-site
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 25-MAR-2003
14-OCT-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 13-JUN-1979;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GB2053229-A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               04-FEB-1981
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Synthetic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AAP10167;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 6
ð
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           The present invention relates to a prothrombinase-inhibiting peptide derived from a specific amino acid sequence of human blood coagulation factor va. The invention is useful for treating human subjects with blood clotting disorders. The invention is also useful for preventing thrombotic disorders resulting from formation of blood clots that obstructs blood vessels. The present sequence is the human blood coagulation factor Va peptide.
                                                                                                                                                                                                                                                                                                                                                                                                                                                New prothrombinase-inhibiting peptide derived from a specific amino acid sequence of human blood coagulation factor Va, useful for treating human subjects with blood clotting disorders.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ;
                                                                                  inhibitor; human; blood coagulation factor Va; disorder; thrombotic disorder; thrombolytic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Plant; inhibitor of cyclin dependent kinase; ICK.
                                                Human blood coagulation factor Va peptide, AP3.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DB 8;
29:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Plant ICK protein conserved motif 1 #47.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              60.0%; Score 33; 100.0%; Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Claim 10; SEQ ID NO 5; 20pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ABG65739 standard; peptide; 10 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           14-JUL-2000; 2000US-0218471P.
13-OCT-2000; 2000US-0241219P.
                                                                                                                                                                                                                                                  08-MAR-2004; 2004US-00795795
                                                                                                                                                                                                                                                                                      23-JUL-2001; 2001US-00911129
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          29-JUN-2001; 2001WO-IB001492.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     27-AUG-2002 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  5; Conservative
                                                                                                                                                                                                                                                                                                                                                                              Kalafatis M, Mann KG;
                                                                                                                                                                                                                                                                                                                        (KALA/) KALAFATIS M.
(MANN/) MANN K G.
                                                                                                                                                                                                                                                                                                                                                                                                                WPI; 2004-689241/67.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Local Similarity
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WEYFI 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 WEYFI 5
                                                                                                                                                                            US2004186271-A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 10 AA;
                                                                                  Prothrombinase
                                                                                                         blood clotting
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  WO200228893-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Oryza sativa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        11-APR-2002.
                                                                                                                                                                                                                23-SEP-2004
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Query Match

Matches

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The peptide is a gonadotrophin releasing hormone analogue having higher luteinising hormone releasing activity than the natural hormone. The peptide may be used in veterinary and human medicine e.g. as a contraceptive, for the treatment of mammary carcinoma or prostate cancer, as anoestronic or anovulatory agents for animals, or for treating follicular cysts in cattle. See also AAP30390. (Updated on 25-MAR-2003 to correct PA field.)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence of hormonal decapeptide deriv. used to induce release of eggs and sperm from fish.
                                                                                                                                                         Gonadotropin-releasing hormone analogues - useful for contraception,
                                                                            Ι;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Hormone; reproductive; ovulation; spermatogenesis; fertility
                                                                              Mezo
                                                                                                                                                                                                                                                                                                                                                                                         Score 26; DB 1; Length 10;
Pred. No. 5.3e+02;
1; Mismatches 1; Indels
                                                                              Ή,
                                                                              Mezo
                                                                            Keri G,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        KOEZPONTI VALTO ES HITELBANK RT
 RICHTER GEDEON VEGYESZETI GYAR.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Location/Qualifiers
                                                                            Horvath A,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AAP50839 standard; peptide; 10 AA.
              (ANTO/) ANTONI F.
(MAGY ) MTA KOEZPONTI HIVATA KI.
(REAN-) REANAL FINOMVEGYSZERGYAR
                                                                                                                                                                                                      Claim 1; Page 17; 20pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   10
/label= Gly-NH2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /label= pyroGlu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /label= D-Phe
                                                                                                                                                                                                                                                                                                                                                                                             47.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             84BE-00901308
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           83HU-00004457
                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 60.00,
Best Local Similarity 3; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (first entry)
                                                                              Erchegyi J,
Seprodi J;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                (revised)
                                                                                                                           WPI; 1983-844749/50.
                                                                                                                                                                          cancer therapy, etc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               sperm from fish
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       WPI; 1985-159469/27
                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 WEYFI 5
| ||:
3 WSYFL 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Misc-difference
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Misc-difference
                                                                                                                                                                                                                                                                                                                                                               Sequence 10 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Actinopterygii
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Modified-site
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             19-DEC-1984;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            23-DEC-1983;
                                                                              Antoni F, E
Nikolics K,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              19-JUN-1985.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  25-MAR-2003
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01-NOV-1991
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AAP50839;
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(KZBU-)
(RICT )
(ANTO/)
(MAGY )
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 8
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                                                                                                                                                                                                                                                                              AAP10165 is the generic sequence for peptides in compounds having LH-RH antagonising properties. They can be used to treat precocious puberty; hormone dependent tumors; hirsutism, acne, amenorthea; endometriosis, and ovarian and mammary cystic diseases. They are also useful for regulating ovulation and for regulating the human menopausal gonadotropin, folliclethinating hormone [RSH] and luteinizing hormone (LH). A dosage level that is in the range of from about 25 mcg per kilogram body weight is most desirably employed in order to achieve effective results. In the examples, solid phase synthesis is used to prepare specific examples of the generic compound (AAP10166-P10169). (Updated on 25-MAR-2003 to
                                                                                                                                                                                         Luteinising hormone-releasing hormone antagonist peptide(s) - useful e.g. as contraceptives, oestrus regulators and regulators of human menopausal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Luteinising; hormone; LH; contraceptives; mammary; carcinoma; prostate; cancer; anoestronic; anovulatory; follicular; cyst; cattle.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      47.3%; Score 26; DB 1; Length 10; 60.0%; Pred. No. 5.3e+02; ative 1; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sonadotropin-releasing hormone analogue.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /note= "D-4-chloro-Phe"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AAP30391 standard; peptide; 10 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  'note= "pyro Glu"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /label= Gly-NH2
                                                                                                                                                                                                                                                     Example, Page 8, 13pp, English.
                 79CA-00329643.
80US-00155249.
82US-00341137.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          82HU-00001692
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(first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity 60.0
                                                                              соу D н.
SCHALLY A V.
                                                                                                                             Schally AV;
                                                                                                                                                            WPI; 1981-08335D/06.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 WEYFI 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ||:
3 WSYFL 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Misc-difference
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 10 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Key
Modified-site
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                13-JUN-1979;
02-JUN-1980;
20-JAN-1982;
                                                                                                                                                                                                                        gonadotropin.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            25-MAR-2003
09-SEP-1992
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            08-DEC-1983
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Synthetic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AAP30391;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
                                                                                                                             Coy DH,
                                                                              (COYD/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Loc
Matches
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Gaps

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The LHRH antagonists may be used to treat female dogs, terminating oestrus or pregnancy, and in treatment of pyometritis and endometritis. Treatment is useful when the date of conception is unknown, as it may be employed at any time during pregnancy, is well tolerated, reversible and avoids the use of steroids
counterparts. (Updated on 10-MAR-2003 to add missing OS field.) (Updated on 25-MAR-2003 to correct PA field.)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Contraception in dogs using LHRH antagonists - for terminating heat and pregnancy and treating pyometritis and endometritis.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
                                                                                                                       Gaps
                                                                                                                      ö
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                                                                                  Score 26; DB 1; Length 10;
Pred. No. 5.3e+02;
1; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   47.3%; Score 26; DB 1; Length 10; 60.0%; Pred. No. 5.38+02; ive 1; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                              LHRH; canine contraception; pyometritis; endometritis.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                note= "3-(p-Chlorophenyl)-D-alanyl"
                                                                                                                                                                                                                                                                                                                                                                              Lutenising hormone releasing hormone antagonist.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 'note= "N-Ac-D-Trp'
                                                                                                                                                                                                                                                                          AAP61418 standard; protein; 10 AA.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /label= OTHER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /label= D-Trp
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /label= D-Phe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  label= OTHER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         85US-00725267.
                                                                                  47.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          86EP-00105372
                                                                                                                                                                                                                                                                                                                                           (first entry)
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Best Local Similarity 60.0.
Page 3; Conservative
                                                                                                                      3; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            WPI; 1986-286068/44.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (USA)
                                                                                  Query Match
Best Local Similarity
Matches 3; Conserv
                                                                                                                                                                         | ||:
WSYFL 7
                                                                                                                                                    1 WEYFI 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 WEYFI 5
                                                   Sequence 10 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 10 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (SYNT ) SYNTEX
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Modified-site
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                                                                                                                                                                                                                                                                                                                                           25-OCT-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        18-APR-1986;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         19-APR-1985;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      29-OCT-1986
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Vickery BH;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     EP199302-A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                Synthetic
                                                                                                                                                                                                                                                                                                           AAP61418;
                                                                                                                                                                                                                                        RESULT 10
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   ន្តដ្ត់នូម
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                                                                               The peptides of the invention have hormonal activity for all species of fish, are active under widely differing conditions and, being synthetic, can be administered in precise doses (contrast the use of natural hypophyseal hormone extracted from carp). They are administered at a dose of 0.1 micrograms - 5 mg., esp. 5-100 micrograms. For fish which are not mature, 2.12 doses are given, the last dose being at least equal to (pref. 1.5 greater than) the preceeding dose. (Updated on 10-MAR-2003 to add missing OS field.) (Updated on 25-MAR-2003 to correct PA field.)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   gonadoliberin analogues - useful for ovulation control in fish birds
Inducing release of eggs and sperm from fish - out of the normal season, by treatment with hormonal deca:peptide derivs.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      The analogues of the invention are useful for controlling ovulation in fish, birds and mammals. They have higher activity than their natural
                                                                                                                                                                                                                                                                                                           Gaps

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/note= "also claimed with modified Pro(9) (=Pro-EA)"

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                                                                                                                                                                                                                                                                          DB 1; Length 10;
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                                                                                                                                                                                                                                                                     47.3%; Score 26; DB 1; I
60.0%; Pred. No. 5.3e+02;
tive 1; Mismatches 1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence of gonadoliberin analogue.
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                                                   Disclosure; Page 8; 16pp; French
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /label= pyroGlu
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         label= D-Phe
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                                                                                                                                                                                                                                                                                                          3; Conservative
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                                                                                                                                                                                                                                                                                        Best Local Similarity
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WSYFL 7
                                                                                                                                                                                                                                                                                                                                           1 WEYFI 5
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10-MAR-2003
01-NOV-1991
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Protein
                                                                                                                                                                                                                                                                                                          Matches
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The patentors claim a medicament prepd. by microencapsulation of LH-RH or synthetic analogue in a D.L-lactide/glycolide copolymer. The medicament is used in treatment of eg, cancer of the breast or prostate, endometriosis or benign prostatic hyperplasia. The coated compan. has enhanced antagonistic effects c.f. corresp. uncoated doses. Doses are 0.1 field.)
                                                                                                                                                                                                                                                                                                                                                    Medicament for treating hormone-dependent diseases - comprises
luteinising hormone- releasing hormone microencapsulated in D,L-glycolide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Luteinising hormone releasing hormone; cancer; cytotoxic effects;
bone marrow; agonist; radiotherapy; chemotherapy;
(D-Phe1, D-p-Cl-Phe2, D-Trp3, D-Phe6)-LHRH.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 10;
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                                                                                                                                                                                                                                                                                           Schally AV;
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Pred. No. 5.3e+02;
1; Mismatches 1;
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                         Location/Qualifiers
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                                                      label= pyro-Glu
                                                                                                                /label= Gly-NH2
                                                                                     label= D-Phe
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                                                                                                                                                                                                                                                                                           Orsolini P,
                                                                                                                                                                                                                                                                (DEBI-) DEBIOPHARM SA
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Best Local Similarity
                                                                                                 Misc-difference 10
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                            Key
Misc-difference
                                                                      Misc-difference
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 10 AA;
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 Synthetic.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             New LH-Rh nona:peptide or deca:peptide analogues - contg. D-P-ethyl-phenylalanine residue in the 6-position, prepd. by a 3 plus 6 or 3 plus solid phase synthesis.
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                                                                                                                                                                                                                                                                6. .6
/label= D-p-ethyl-phenylalanine
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Bilk L,
                                                                                                                                                                                                                                                Location/Qualifiers
                                                                                                                                                                                        LH-RH analogue; oestrus; fertility.
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                                                                       AAP71492 standard; peptide; 10 AA.
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Krojidlo M, Kolinsky J;
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Matches 3; Conservative
                                                                                                                                                           LH-RH peptide analogue
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WSYFL
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25-MAY-1991
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RESULT 15
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                                                                                                                      The analogue is an antagonist. It inhibits the cytotoxic effects of cancer therapy on bone marrow cells, and protects the cells from the undesirable effects of radio- and chemotherapy used to treat hormone-dependent and -independent cancers. The compsns. may be in sustained release form and may be given parenterally, esp. i.m
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                The analogue is an antagonist. It inhibits the cytotoxic effects of cancer therapy on bone marrow cells, and protects the cells from the undesirable effects of radio- and chemotherapy used to treat hormone-dependent and -independent cancers. The compsns. may be in sustained release form and may be given parenterally, esp. i.m
                                                                                                                                                                                                                               Gaps
                                                            Compsns. inhibiting cytotoxic effects in cancer therapy - contain luteinising and follicle stimulating hormone release hormone or its
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                    Schally AV;
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luteinising and follicle stimulating hormone release hormone
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                    Mauvernay RY,
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Pred. No. 5.3e+02;
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                   Lemaigre G,
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                                                                                                     Claim 2; Page 2; 4pp; English.
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nes 3; Conservative
 (DEBI-) DEBIOPHARM SA.
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                    Misset JL,
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                                        WPI; 1987-037621/06.
                                                                                                                                                                                                                                                   1 WEYFI 5
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                                                                                 analogues.
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                    Mathe G,
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                                                 Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Compsns. inhibiting cytotoxic effects in cancer therapy - contain luteinising and follicle stimulating hormone release hormone or its
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47.3%; Score 26; DB 1; Length 10; 60.0%; Pred. No. 5.3e+02; ive 1; Mismatches 1; Indels
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60.0%; Pred. No. 5.3e+02;
ive 1; Mismatches 1; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                          Luteinising hormone releasing hormone analogue.
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                                                                                                                                                                                                                                                            AAP71230 standard; protein; 10 AA.
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                                               3; Conservative
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Best Local Similarity
                        Local Similarity
                                                                                           1 WEYFI 5
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Query Match
Best Local S:
Matches
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Sequence 6, Appli Sequence 5, Appli

Sequence

Sequence

Sequence

Description

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3 US-10-795-795-6

3 US-10-795-795-5

US-10-377-912-105

US-08-347-610-237

US-08-347-610-237

US-08-347-610-232

US-08-347-610-232

US-08-347-610B-236

US-08-347-610B-236

US-08-347-610B-237

US-08-347-610B-237

US-08-347-610B-236

US-08-347-610C-236

US-08-347-610C-236

US-08-347-610C-236

US-08-347-610C-236

US-08-347-610C-236

US-08-347-610C-236

US-09-458-298-75

US-09-458-298-75

US-09-458-298-75

US-09-458-298-1643

US-09-458-298-1643

US-09-458-298-167

US-09-458-298-167
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67.3
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No.
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2: /ggn2_6/ptodata/1/paa/USO6_COMB.pep:*
3: /ggn2_6/ptodata/1/paa/USO8_COMB.pep:*
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5: /ggn2_6/ptodata/1/paa/USO8_COMB.pep:*
6: /ggn2_6/ptodata/1/paa/USO8_COMB.pep:*
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29: /ggn2_6/ptodata/1/paa/USO06_COMB.pep:*
20: /ggn2_6/ptodata/1/paa/USO06_COMB.pep:*
27: /ggn2_6/ptodata/1/paa/USO06_COMB.pep:*
28: /ggn2_6/ptodata/1/paa/USO06_COMB.pep:*
29: /ggn2_6/ptodata/1/paa/USO06_COMB.pep:*
20: /ggn2_6/ptodata/1/paa/U
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Compugen Ltd.
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                                                                                                                                                                                                                                                                                                             6959266 segs, 1168006243 residues
GenCore version
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Maximum Match 100%
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Perfect score:
                                                                                                                                                                                                                                                       Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                  Minimum DB s
Maximum DB s
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                                                                                                                                                                                                                      Sequence:
                                                                                                                                                                                                                                                                                                             Searched:
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                                                                                                         Run on:
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Sequence 760, App Sequence 1025, Ap Sequence 1267, Ap Sequence 1553, Ap

Sequence

Sequence Sequence Sequence Sequence

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-09-458-298A-1025 -09-458-298A-1267 -09-458-298A-1553 -09-458-298A-1643

Sequence

Sequence Sequence

Sequence

Sequence Sequence

Sequence

Sequence Sequence Sequence Sequence

ALIGNMENTS

Seguence

Sequence 50, Al Sequence 75, Al Sequence 733,

Sequence 237, A Sequence 252, A Sequence 237, A Sequence 252, A Sequence 252, A Sequence 236, A Sequence 237, A

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

APPLICANT: Cleveland State University
APPLICANT: Cleveland State University
APPLICANT: Kalafatis, Michael
APPLICANT: Mann, Kenneth G.
TITLE OF INVENTION: Thrombin Generation Inhibitor
FILE REFERENCE: 27433/04004
CURRENT APPLICATION NUMBER: US/10/795,795
CURRENT APPLICATION NUMBER: US/09/911,129B
PRIOR FILING DATE: 2004-03-08
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin version 3.1
SEQ ID NO 6 ; Sequence 6, Application US/10795795; GENERAL INFORMATION: LENGTH: 10 TYPE: PRT ORGANISM: Homo sapiens

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Gaps
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                                                                                      APPLICANT: Kubo, Ralph T.
APPLICANT: Kubo, Ralph T.
APPLICANT: Grey, Howard M.
APPLICANT: Sette, Alessandro
APPLICANT: Celis, Esteban
TITLE OF INVENTION: HLA Binding Peptides and Their Uses
NUMBER OF SEQUENCES: 414
ADDRESSEE: Twomsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Bighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                CUERATIONS SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/347,610
FILING DATE: 01-DEC-1994
CLASSIFICATION ADATA:
APPLICATION NUMBER: US 08/159,339
FILING DATE: 20-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/103,396
FILING DATE: 06-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/027,746
FILING DATE: 05-MAR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/26,666
FILING DATE: 07-AUG-1992
PRIOR APPLICATION NUMBER: US 08/186,266
FILING DATE: 25-JAN-1994
ATFORNEY/AGENT INFORMATION:
REGISTRATION NUMBER: 34,774
REFERENCE/DOCKET NUMBER: 34,774
REJECOMMUNICATION NUMBER: 31,774
REJECOMMUNICATION NUMBER: 31,774
REJECOMMUNICATION NUMBER: 31,774
REJECOMMUNICATION NUMBER: 326-0200
INFORMATION POR SEQ ID NO: 236:
SEQUENCE CRARACTERISTICS:
LENGTH: 10 amino acids
STRANDENSS:
TYPE: amino acids
STRANDENSS:
TYPE: amino acids
STRANDENSS:
                                                                                                                                                                                                                                       ADDRESSEE: Townsend and Townsend and Crew LLP STREET: Two Embarcadero Center, Eighth Floor CITY: San Francisco STATE: California
                                                                                                                                                                                                                                                                                                                                                 COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; Sequence 237, Application US/08347610; GENERAL INFORMATION:
                      US-08-347-610-236; Sequence 236, Application US/08347610; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Kubo, Ralph T.
Grey, Howard M.
Sette, Alessandro
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 75.0
Matches 3; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear; MOLECULE TYPE: peptide US-08-347-610-236
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |:||
7 WQYF 10
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APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 5
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                                                                                                Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 105, Application US/10937912
GENERAL INFORMATION:
APPLICANT: Baxter International Inc.
APPLICANT: Johnson, Richard J
APPLICANT: Maves, Shelley A
ITILE OF INVENTION: PEPTIDES THAT INHIBIT COMPLEMENT ACTIVATION
FILE REFERENCE: TR-6067 (BXTR 4017.1)
CURRENT APPLICATION NUMBER: US 60/501,710
PRIOR APPLICATION NUMBER: US 60/501,710
PRIOR PILING DATE: 2003-09-10
NUMBER OF SEQ ID NOS: 121
SOFTWARE: PatentIn version 3.1
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                                            100.0%; Score 55; DB 33; Length 10; 100.0%; Pred. No. 0.0075; Live 0; Mismatches 0; Indels
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100.0%; Pred. No. 96;
tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 49.1%; Score 27; DB 35; Length 10; Best Local Similarity 60.0%; Pred. No. 1.3e+03; Matches 3; Conservative 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                          WESULY 195-795-5

Sequence 5, Application US/10795795

Sequence 5, Application US/10795795

GENERAL INPORMATION:
APPLICANT: Cleveland State University
APPLICANT: Ralafatis, Michael
APPLICANT: Mann, Kenneth G.
TITLE OF INVENTION: Thrombin Generation Inhibitor
FILE REPERENCE: 27433/04004

CURRENT PLING DATE: 2004-03-08
PRIOR PLILING DATE: 2004-03-19
NUMBER OF SEQ ID NOS: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: complement inhibitor US-10-937-912-105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence
                                              Query Match 100.
Best Local Similarity 100.
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 100.
Matches 5; Conservative
                                                                                                                                                                       1 WEYFIAAEEV 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |||||
6 WEYFI 10
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US-10-795-795-6
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Gaps
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US-08-347-610A-236
Sequence 236, Application US/08347610A
Sequence 236, Application US/08347610A
Sequence 236, Application US/08347610A
Sequence 236, Application US/08347610A
APPLICANT: Kabo, Ralph T.
APPLICANT: Serey, Howard M.
APPLICANT: Sete, Alessandro
APPLICANT: Celis, Esteban
ITILE OF INVENTION: HLA Binding Peptides and Their Uses
CORRESPONDENCES: 458
CORRESPONDENCES: 458
CORRESPONDENCES: 458
CORRESPONDENCES: Capacadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        47.3%; Score 26; DB 7; Length 10; 75.0%; Pred. No. 1.9e+03;
                                                                                                        CUMPRY: USA

ZIP: 94111-3834

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC Compatible
COMPUTER: PatentIn Release #1.0, Version #1.30

CURPATERI APPLICATION DATA:
APPLICATION NUMBER: US 08/189, 339

FILING DATE: 01-DEC-1994

CLASSIFICATION NUMBER: US 08/159, 339

FILING DATE: 29-NOV-1993

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/103, 396

FILING DATE: 06-AUG-1993

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/27, 746

FILING DATE: 05-MAR-1993

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/26,666

FILING DATE: 07-AUG-1993

PRIOR APPLICATION NUMBER: US 08/186,266

FILING DATE: 07-AUG-1993

PRIOR APPLICATION NUMBER: US 08/186,266

FILING DATE: 07-AUG-1993

PRIOR APPLICATION NUMBER: US 08/186,266

FILING DATE: 35-JAN-1994

ATTORNEY/AGENT INFORMATION:
NAME: BEGIETATION NUMBER: 34,774

REFERENCE/DOCKET NUMBER: 35,76-0300

INPORMATION POR SEQ ID NO: 252:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1; Mismatches
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compati)
OPERATING SYSTEM: PC-DOS.
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MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
Matches 3; Conserva
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                                                                                                      COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ð
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ALTILE OF INVENTION: HLA Binding Peptides and Their Uses NUMBER OF SEQUENCES: 414
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP STREET: Two Embarcadero Center, Eighth Floor CITY: San Francisco STATE: California COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 6
US-08-347-610-252

Sequence 252, Application US/08347610
GENERAL INFORMATION:
APPLICANT: Kubo, Ralph T.
APPLICANT: Sette, Alessandro
APPLICANT: Celis, Esteban
TITLE OF INVENTION: HLA Binding Peptides and Their Uses
NUMBER OF SEQUENCES: 414
CORRESPONDENCE ADDRESS:
ADDRESSEE: Twomsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   47.3%; Score 26; DB 7; Length 10; 75.0%; Pred. No. 1.9e+03; Live 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                             ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPAONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 237:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 10 amino acids
TYPE: amino acid
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Best Local Similarity 75.03
Matches 3; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-347-610-237
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Gaps
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APPLICANT: Rubo, Ralph T.

APPLICANT: Rubo, Ralph T.

APPLICANT: Sette, Howard M.

APPLICANT: Sette, Alessandro

TITLE OF INVENTION: HLA Binding Peptides and Their Uses

NUMBER OF SEQUENCES: 45s

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP

STREET: Two Embarcadero Center, Eighth Floor

CITY: San Francisco

CONTRY: San Francisco

STATE: 94111-3814

COMPUTER READABLE FORM:

MEDLUM TYPE: Floppy disk

MEDLUM TYPE: Floppy disk

COMPUTER READABLE FORM:

MEDLUM TYPE: Floppy disk

COMPUTER PREADABLE FORM:

MEDLUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 26; DB 7; Length 10;
Pred. No. 1.9e+03;
1; Mismatches 0; Indels
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CURRENT APPLICATION DATA:
APPLICATION NUMBER:
TLING DATE:
OLOSIFICATION NUMBER:
CLASSIFICATION NUMBER:
CLASSIFICATION NUMBER:
CLASSIFICATION NUMBER:
OS 08/159,339
FILMG APPLICATION NUMBER:
SPELICATION NUMBER:
OF 08/159,339
FILMG DATE:
APPLICATION NUMBER:
OF 08/103,396
FILMG DATE:
OF AUG-1993
PRIOR APPLICATION NUMBER:
FILMG DATE:
OF AUG-1993
PROFILEMENT OF AUG-1993
FILMG DATE:
OF AMR-1993
FILMG DATE:
OF AMR-1993
PILING DATE: 29-NOV-1993
PRIOR APPLICATION NUMBER: 18 08/103,396
PRING DATE: 06-AUG-1993
PRIOR APPLICATION NUMBER: 08 08/027,746
PRIOR APPLICATION NUMBER: 08 08/027,746
FILING DATE: 05-MAR-1993
PRIOR APPLICATION NUMBER: 07/926,666
FILING DATE: 07-AUG-1992
PRIOR APPLICATION NUMBER: US 08/186,266
FILING DATE: 25-AUG-1992
PRIOR APPLICATION NUMBER: US 08/186,266
FILING DATE: 25-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Alicea, Hector A.
REGISTRATION NUMBER: 40,891
REFERENCE/DOCKET NUMBER: 018623-005050US
TELECHMONICATION NUMBER: 018623-005050US
TELECHMONICATION NUMBER: 415,576-0300
TELECHMONICATION FOR SEQ 1D NO: 237:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 75.0%;
Matches 3; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 10 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-347-610A-237
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: amino acid
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-347-610A-252
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APPLICANT: Kubo, Ralph T.
APPLICANT: Sette, Alessandro
APPLICANT: Celis, Bateban
TITLE OF INVENTION: HLA Binding Peptides and Their Uses
NUMBER OF SEQUENCES: 458
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 47.3%; Score 26; DB 7; Length 10; Best Local Similarity 75.0%; Pred. No. 1.9e+03; Matches 3; Conservative 1; Mismatches 0; Indels
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FILING DATE: US/08/347,610A FILING DATE: 01-DEC-1994
CLASSIFICATION 1424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/159,339
              SOFTWARE: PatentIn Release #1.0, Version #1.30
                          CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/347,610A
FILING DATE: 01-DEC-1994
CLASSIFICATION A42
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/159,339
FILING DATE: 29-NOV-1993
PRIOR APPLICATION NUMBER: US 08/027,746
FILING DATE: 06-MG-1993
PRIOR APPLICATION NUMBER: US 08/027,746
FILING DATE: 05-MR-1993
PRIOR APPLICATION NUMBER: US 07/926,666
FILING DATE: 05-MR-1993
PRIOR APPLICATION NUMBER: US 07/926,666
FILING DATE: 07-MG-1992
REDICATION NUMBER: US 08/186,266
FILING DATE: 25-JAN-1994
ATTORNEY/AGENT INFORMATION:
NAME: Alicea, Hector A.
REGISTRATION NUMBER: 40,891
REDERNEK/DOCKET NUMBER: 40,891
REDERNEK/DOCKET NUMBER: 40,891
REDERNEK/DOCKET NUMBER: 40,891
REDERNEK/DOCKET NUMBER: 40,891
RELEPHONE: (415) 576-0300
INFORMATION FOR SEQ ID NO: 236:
SEQUENCE CHARACTERISTICS:
LENGTH 10 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 237, Application US/08347610A GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: amino acid
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-347-610A-236
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GENERAL INFORMATION:
APPLICANT: Kubo, Ralph T.
APPLICANT: Grey, Howard M.
APPLICANT: Grey, Howard M.
APPLICANT: Grey, Howard M.
APPLICANT: Grey, Howard M.
TITLE OF INVENTION: HLA Binding Peptides and Their Uses
FILE REPERENCE: 2060.005.005.
CURRENT APPLICATION NUMBER: US 08/136,266
FRIOR APPLICATION NUMBER: US 08/159,339
FRIOR APPLICATION NUMBER: US 08/159,339
FRIOR APPLICATION NUMBER: US 08/159,339
FRIOR APPLICATION NUMBER: US 08/103,396
FRIOR FILING DATE: 1993-08-06
FRIOR FILING DATE: 1993-08-06
FRIOR APPLICATION NUMBER: US 08/027,746
FRIOR APPLICATION NUMBER: US 08/027,746
FRIOR FILING DATE: 1993-03-05
FRIOR SEQ ID NOS: 474
SEQ ID NO 237
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 47.3%; Score 26; DB 7; Length 10; Best Local Similarity 75.0%; Pred. No. 1.9e+03; Matches 3; Conservative 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 47.3%; Score 26; DB 7; Length 10; Best Local Similarity 75.0%; Pred. No. 1.9e+03; Matches 3; Conservative 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 252, Application US/08347610B
GENERAL INFORMATION:
APPLICANT: Kubo, Ralph T.
APPLICANT: Sette, Alessandro
ITILE OF INVENTION: HitA Binding Peptides and Their Uses
FILE REFERENCE: 2060.0050005
CURRENT APPLICATION NUMBER: US/08/347,610B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 237, Application US/08347610B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; FEATURE:
; OTHER INFORMATION: antigen MAGE
US-08-347-610B-237
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; OTHER INFORMATION: antigen MAGE
US-08-347-610B-252
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Artificial Sequence
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6 WQYF 9
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US-08-347-610B-252
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Pred. No. 1.9e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL LICKURALION:

APPLICANT: Kubo, Ralph T.

APPLICANT: Sette, Howard M.

APPLICANT: Sette, Howard M.

APPLICANT: Sette, Alessandro

TITLE OF INVENTION: HLA Binding Peptides and Their Uses

FILE REFERENCE: 2060.0050005

CURRENT FILING DATE: 1994-12-01

PRIOR APPLICATION NUMBER: US 08/186,266

PRIOR APPLICATION NUMBER: US 08/159,339

PRIOR PILING DATE: 1994-01-25

PRIOR PILING DATE: 1993-01-29

PRIOR FILING DATE: 1993-06-06

PRIOR PILING DATE: 1993-06-06

PRIOR PILING DATE: 1993-06-06

PRIOR PILING DATE: 1993-06-07

NUMBER OF SEQ ID NOS: 474

SOFTWARE: Patentin version 3.1

SEQ ID NO 236

LENGTH: 10
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/926,666
PILING DATE: 07-AUG-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/186,266
FILING DATE: 25-JAN-1994
ATTORNEY, AGENT INFORMATION:
NAME: Alicea, Hector A.
REGISTRATION NUMBER: 40,891
REGISTRATION NUMBER: 40,891
REJEPHONE: (415) 576-0200
TELECOMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELECOMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELECOMUNICATION INFORMATION:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 aming acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1; Mismatches
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GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 75.0
Matches 3; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                         ; MOLECULE TYPE: peptide US-08-347-610A-252
                                                                                                                                                                                                                                                                                                                                      LENGTH: 10 amino
TYPE: amino acid
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                         linear
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WQYF 10
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2 WQYF 5
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Gaps

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Length 10;

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Gaps

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RESULT 11 US-08-347-610B-237

Gaps . 0

Length 10; 0; Indels

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APPLICANT: Kubo, Ralph T.
APPLICANT: Kubo, Ralph T.
APPLICANT: Sette, Alessanda.
TITLE OF INVENTION: His Binding Peptides and Their Uses File Reference: 2060.005005
CURRENT APPLICATION WUMBER: US/08/347,610C
CURRENT PELING DATE: 1994-12-10
PRIOR PPLICATION NUMBER: US 08/186,266
PRIOR PILING DATE: 1994-12-29
PRIOR PILING DATE: 1993-11-29
PRIOR PILING DATE: 1993-08-06
PRIOR PILING DATE: 1993-03-05
PRIOR PILING DATE: 1993-08-06
PRIOR PILING DATE: 1993-08-07
NUMBER OF SEQ ID NOS: 474
SOFTWARE: PATENTIN VETSION 3.1
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                                                                       Query Match 47.3%; Score 26; DB 7; I
Best Local Similarity 75.0%; Pred. No. 1.9e+03;
Matches 3; Conservative 1; Mismatches 0
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                                                                                                                                                                                                                                                                                                                                                        ; Sequence 252, Application US/08347610C; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CTHER INFORMATION: antigen MAGE US-08-347-610C-252
; OTHER INFORMATION: antigen MAGE US-08-347-610C-237
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
ORGANISM: Artificial Sequence
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6 WOYF 9
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2 WQYF 5
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US-08-347-610C-252
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LENGTH: 10
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                                                                                                                                                        Sequence 236, Application US/08347610C
; Sequence 236, Application US/08347610C
; GENERAL INFORMATION:
APPLICANT: Kubo, Ralph T.
APPLICANT: Sete, Alessandro
TITLE OF INVENTION: HLA Binding Peptides and Their Uses
FILE REFERENCE: 2660.005005,
CURRENT APPLICATION NUMBER: US/08/347,610C
CURRENT APPLICATION NUMBER: US 08/186,266
PRIOR APPLICATION NUMBER: US 08/186,266
PRIOR PILING DATE: 1994-01-25
PRIOR PLING DATE: 1993-11-29
PRIOR PLING DATE: 1993-08-06
PRIOR PLING DATE: 1993-08-06
PRIOR PLING DATE: 1993-08-06
PRIOR PLING DATE: 1993-08-06
PRIOR FILING DATE: 1993-08-07
NUMBER OF SEQ ID NOS: 474
SOFTWARE: PATENTIN VERSION 3.1
SEQ ID NO 236
LENGTH: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 237, Application US/08347610C
; Sequence 237, Application.
; APPLICANT: Kubo, Ralph T.
; APPLICANT: Sete, Alessandro
; TITLE OF INVENTION: HLA Binding Peptides and Their Uses; FILE REFERENCE: 2060.0050005;
CURRENT APPLICATION HLA Binding Peptides and Their Uses; FILE REFERENCE: 2060.0050005;
CURRENT APPLICATION NUMBER: US 08/186,266;
PRIOR APPLICATION NUMBER: US 08/186,266;
PRIOR APPLICATION NUMBER: US 08/103,396;
PRIOR FILING DATE: 1993-11-29;
PRIOR PILING DATE: 1993-01-25;
PRIOR PLING DATE: 1993-01-25;
PRIOR PLING DATE: 1993-08-06;
PRIOR PLING DATE: 1993-08-06;
PRIOR PLING DATE: 1993-08-06;
PRIOR PILING DATE: 1993-08-06;
PRIOR PILING DATE: 1993-08-07;
NUMBER OF SEQ ID NOS: 474;
SOFTWARE: PatentIn version 3.1
; SEQ ID NO 237
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match

47.3%; Score 26; DB 7; Length 10;
Best Local Similarity 75.0%; Pred. No. 1.9e+03;
Matches 3; Conservative 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; FEATURE:
; OTHER INFORMATION: antigen MAGE
US-08-347-610C-236
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT ORGANISM: Artificial Sequence
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WQYF 5
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Gaps

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75, App
75, App
760, App
1025, Ap
11643, Ap
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1167, App
1163, App
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165, App
3, Appli
5, Appli
32, Appli
33, Appl
44, Appl
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Publication No. US20030040600A1

GENERAL INFORMATION:

APPLICANT: Cleveland State University

APPLICANT: Ralafatis, Michael

APPLICANT: Mann, Kenneth G.

TITLE OF INVENTION: Thrombin Generation Inhibitor

FILE REFERENCE: 27433/04004

CURRENT APPLICATION NUMBER: US/09/911,129B

CURRENT FILING DATE: 2002-03-19

NUMBER OF SEQ ID NOS: 17

SOFTWARE: Patentin version 3.1
US-10-005-480A-207

US-10-005-480A-421

US-10-005-480A-6345

US-10-105-135-50

US-10-149-135-75

US-10-149-135-75

US-10-149-135-105

US-10-935-384-167

US-09-935-384-168

US-09-935-384-168

US-09-935-384-168

US-09-935-384-168

US-10-100-952-163

US-10-10-105-684-3

US-10-31-641-1573
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Publication No. US20040186271A1
GENERAL INFORMATION:
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ORGANISM: Homo sapiens
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US-10-795-795-6
   SEQ ID NO 6
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Compugen Ltd.
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US-10-795-795-6
US-10-99-911-129B-5
US-10-937-912-105
US-10-062-109A-151
US-10-062-109A-421
US-10-062-109A-637
US-110-062-109A-637
US-110-062-109A-637
US-110-062-109A-637
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                   GenCore version
Copyright (c) 1993 - 2005
                                                                                                                  September 10, 2005, 00:54:57
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Maximum Match 100%
Listing first 45 summaries
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seq length: 10
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Perfect score:
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APPLICANT: Challita-Eid, Pia M.
APPLICANT: Raitano, Arthur B.
APPLICANT: Faris, Mary
APPLICANT: Hubert, Rane S.
APPLICANT: Hubert, Karne Jane Meyrick
APPLICANT: Jakobovits, Aya
TITLE OF INVENTION: Nucleic Acid and Corresponding Protein
TITLE OF INVENTION: Entitled 161P2F10B Useful in Treatment and Detection of
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Sequence 105, Application US/10937912

Sequence 105, Application US/10937912

Publication No. US2005009448A1

GENERAL INFORMATION:

APPLICANT: Baxter International Inc.

APPLICANT: Johnson, Richard J

APPLICANT: Maves, Shelley A

TITLE OF INVENTION: PEPTIDES TRAT INHIBIT COMPLEMENT ACTIVATION

FILE REFERENCE: TR. 6067 (BETR 4017.1)

CURRENT FILING DATE: 2004-09-10

FRIOR PILICATION NUMBER: US 60/501,710

PRIOR FILING DATE: 2003-0-10

NUMBER OF SEQ ID NOS: 121

SSEQ ID NO 105

LENGTH: 10
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CURRENT APPLICATION NUMBER: US/10/062,109A
CURRENT FILING DATE: 2002-01-31
FRIOR FILING DATE: 2001-11-07
NUMBER OF SEQ ID NOS: 765
SEQ ID NO 151
LENGTH: 10
TYPE: PRT
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CREATE: CREATE CRE
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; Publication No. US20030165505A1
; GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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Matches 3; Conservative
          ; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-795-795-5
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6 WEYFI 10
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US-10-062-109A-151
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100.0%; Pred. No. 36;
tive 0; Mismatches 0; Indels
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Sequence 5, Application US/10795795

Sequence 5, Application US/10795795

Publication No. US20040186271A1

GENERAL INFORMATION:
APPLICANT: Cleveland State University
APPLICANT: Kalafatis, Michael
APPLICANT: Mann, Kenneth G.
TITLE OF INVERNION: Thrombin Generation Inhibitor
FILE REFERENCE: 27433/04004
CURRENT APPLICATION NUMBER: US/10/795,795
CURRENT PILING DATE: 2004-03-08
PRIOR APPLICATION NUMBER: US/09/911,129B
PRIOR RILING DATE: 2002-03-08

NUMBER: OF SEQ ID NOS: 17

SOFTHARE: Patentin version 3.1

SEQ ID NO 5

LENGTH: 10
; APPLICANT: Cleveland State University
; APPLICANT: Kalafatis, Michael
; APPLICANT: Mann, Kenneth G.
; TITLE OF INVENTION: Thrombin Generation Inhibitor
; FILE REFERENCE: 27433/04004
; CURRENT APPLICATION NUMBER: US/10/795,795
; CURRENT FILING DATE: 2002-03-08
; PRIOR APPLICATION NUMBER: US/09/911,129B
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO
6; LEWOTH: 10
; TYPE: PRI
7 ORGANISM: Homo sapiens
US-10-795-795-6
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PUblication No. US20030040600A1
GENERAL INFORMATION:
APPLICANT: Cleveland State University
APPLICANT: Cleveland State University
APPLICANT: Mann, Kenneth G.
TITLE ONE ON Thrombin Generation Inhibitor;
FILE REFERENCE: 27433/04004
CURRENT APPLICATION NUMBER: US/09/911,129B
CURRENT FILING DATE: 2002-03-19
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin version 3.1
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Best Local Similarity 100.
Matches 10; Conservative
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6 WEYFI 10
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LENGTH: 10
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APPLICANT: Agensys
APPLICANT: Raitano, Arthur B.
APPLICANT: Raitano, Arthur B.
APPLICANT: Raitano, Arthur B.
APPLICANT: Raitano, Arthur B.
APPLICANT: Faris, Mary
APPLICANT: Faris, Mary
APPLICANT: Farison, Karen Jane Meyrick
APPLICANT: Mortison, Karen Jane Meyrick
TITLE OF INVENTION: Nucleic Acid and Corresponding Protein
TITLE OF INVENTION: Entitled 161P2F10B Useful in Treatment and Detection of
TITLE OF INVENTION: Cancer
TITLE OF INVENTION: Cancer
FILE REFRENCE: 51158-20062.01
CURRENT APPLICATION NUMBER: US/10/062,109A
CURRENT FILING DATE: 2002-01-31
PRIOR APPLICATION NUMBER: US 10/005,480
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APPLICANT: Agensys
APPLICANT: Agensys
APPLICANT: Raitano, Arthur B.
APPLICANT: Raitano, Arthur B.
APPLICANT: Faris, Mary
APPLICANT: Faris, Mary
APPLICANT: Farison, Karen Jane Meyrick
APPLICANT: Morrison, Karen Jane Meyrick
TITLE OF INVENTION: Nucleic Acid and Corresponding Protein
TITLE OF INVENTION: Entitled 161P2P10B Useful in Treatment and Detection of
TITLE OF INVENTION: Cancer
TITLE OF INVENTION: CA
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                                                                      Score 26; DB 14; Length 10;
Pred. No. 6.7e+02;
1; Mismatches 0; Indels
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SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 545
LENGTH: 10
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SOFTWARE PASTSEQ for Windows Version 4.0
SEQ ID NO 637
LENGTH: 10
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; Publication No. US20030165505A1
; GENERAL INFORMATION:
                                                                  Query Match
Best Local Similarity 75.0
Matches 3; Conservative
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Best Local Similarity 75.0
Matches 3; Conservative
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US-10-062-109A-545
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3 WDYF 6
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3 WDYF 6
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       US-10-062-109A-421
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APPLICANT: Challita-Bid, Pia M.
APPLICANT: Challita-Bid, Pia M.
APPLICANT: Raitano, Arthur B.
APPLICANT: Faris, Mary
APPLICANT: Hubert, Rene S.
APPLICANT: Morrison, Karen Jane Meyrick
APPLICANT: Morrison, Karen Jane Meyrick
APPLICANT: Morrison, Raitied LipzelloB Useful in Treatment and Detection of
TITLE OF INVENTION: Entitled 161P2F10B Useful in Treatment and Detection of
TITLE OF INVENTION: Cancer
TITLE OF INVENTION: Cancer
FILE REFERENCE: 51158-20062.01
CURRENT APPLICATION NUMBER: US/10/062,109A
CURRENT PILLING DATE: 2002-01-31
FRIOR FILLING DATE: 2001-11-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Agensys
APPLICANT: Agensys
APPLICANT: Challita-Eid, Pia M.
APPLICANT: Raitano, Arthur B.
APPLICANT: Raitano, Arthur B.
APPLICANT: Raitano, Arthur B.
APPLICANT: Raitano, Arthur B.
APPLICANT: Raitano, Maren Jane Meyrick
APPLICANT: Hubert, Rene S.
APPLICANT: Jakobovits, Aya
TITLE OF INVENTION: Entitled 161P2F10B Useful in Treatment and Detection of
TITLE OF INVENTION: Cancer
TITLE OF INVENTION: Cancer
TITLE REFERENCE: 51158-20062.01
CURRENT APPLICATION NUMBER: US/10/062,109A
CURRENT FILING DATE: 2002-01-31
PRIOR FILING DATE: 2001-11-07
NUMBER OF SEQ ID NOS: 765
SOFTWARE: FastSEQ for Windows Version 4.0
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                                 47.3%; Score 26; DB 14; Length 10; 75.0%; Pred. No. 6.7e+02; artive 1; Mismatches 0; Indels
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SECTHARE: FastSEQ for Windows Version 4.0
SEQ ID NO 421
LENGTH: 10
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Ouery Match
Best Local Similarity 75.v.
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Best Local Similarity 75.0
Matches 3; Conservative
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CAGANISM: Homo sapiens
US-10-062-109A-207
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                                                                                                                                                                                                                                                                                                                                                                                            -10-062-109A-207
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APPLICANT: Agensys
APPLICANT: Agensys
APPLICANT: Raitano, Arthur B.
APPLICANT: Raitano, Arthur B.
APPLICANT: Raitano, Arthur B.
APPLICANT: Hubert, Rene S.
APPLICANT: Horis, Mary
APPLICANT: Horison, Karen Jane Meyrick
APPLICANT: Jakobovits, Aya
TITLE OF INVENTION: Entiled 161P2F10B Useful in Treatment and Detection of
TITLE OF INVENTION: Entiled 161P2F10B Useful in Treatment and Detection of
TITLE OF INVENTION: Entiled 161P2F10B Useful in Treatment and Detection of
TITLE OF INVENTION: Entiled 2001
CURRENT FILING DATE: 2001-11-07
NUMBER OF SEQ ID NOS: 765
SEQ ID NO 545
FORWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Agensys
APPLICANT: Agensys
APPLICANT: Challita-Eid, Pia M.
APPLICANT: Raitano, Arthur B.
APPLICANT: Raitano, Arthur B.
APPLICANT: Faris, Mary
APPLICANT: Hubert, Rene S.
APPLICANT: Hubert, Rene S.
APPLICANT: Hubert, Rene S.
APPLICANT: Hubert, Aya
APPLICANT: Jakobovits, Aya
TITLE OF INVENTION: Nucleic Acid and Corresponding Protein
TITLE OF INVENTION: Cancer
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47.3%; Score 26; DB 14; Length 10;
Best Local Similarity 75.0%; Pred. No. 6.7e+02;
Matches 3; Conservative 1; Mismatches 0; Indels
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Score 26; DB 14; Length 10;
Pred. No. 6.7e+02;
1; Mismatches 0; Indels
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; Publication No. US20030191073A1
; GENERAL INFORMATION:
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; Publication No. US20030191073A1
; GENERAL INFORMATION:
      47.3%;
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Best Local Similarity 75.0
Matches 3; Conservative
                                                                     3; Conservative
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US-10-005-480A-545
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US-10-005-480A-421
      Query Match
Best Local Similarity
Matches 3; Conserv
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3 WDYF 6
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US-10-005-480A-207
Sequence 207, Application US/10005480A
Sequence 207, Application US/10005480A
Sequence 207, Application No. US20030191073A1
GENERAL INFORMATION:
APPLICANT: Achilta-Eid, Pia M.
APPLICANT: Raitano, Arthur B.
APPLICANT: Raitano, Arthur B.
APPLICANT: Hubert, Rene S.
APPLICANT: Hubert S. Aya
TITLE OF INVENTION: Entitled 161P2F10B Useful in Treatment and Detection of
TITLE OF INVENTION: Cancer
FILE REFERENCE: 51158-20062.00
CURRENT APPLICATION NUMBER: US/10/005,480A
CURRENT PLING DATE: 2001-11-07
NUMBER OF SEQ ID NOS: 765
SOFTWARE: FREUENCE SITSEQ for Windows Version 4.0
SEQ ID NO 207
LENGTH: 10
                                                                                                                                                                                                                                                                                                                                          RESULT 11
US-10-005-480A-151
Sequence 151, Application US/10005480A
FUDICATION NO. US20030191073A1
GENERAL INFORMATION:
APPLICANT: Agensys
APPLICANT: Raitano, Arthur B.
APPLICANT: Raitano, Arthur B.
APPLICANT: Raitano, Arthur B.
APPLICANT: Hubert, Rene S.
APPLICANT: Hubert, Rene S.
APPLICANT: Hubert, Rene S.
APPLICANT: Hubert, Aya
ITILE OF INVENTION: Britiled 161P2F10B Useful in Treatment and Detection of
TITLE OF INVENTION: Entiled 161P2F10B Useful in Treatment and Detection of
TITLE OF INVENTION Cancer
FILE REPERENCE: 51158-20062.00
CURRENT APPLICATION NUMBER: US/10/005,480A
CURRENT FILING DATE: 2001-11-07
NUMBER OF SEQ ID NOS: 765
SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                                                        Query Match 47.3%; Score 26; DB 14; Length 10; Best Local Similarity 75.0%; Pred. No. 6.7e+02; Matches 3; Conservative 1; Mismatches 0; Indels
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Best Local Similarity 75.vv
Thes 3; Conservative
      ; ORGANISM: Homo sapiens
US-10-062-109A-637
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CORGANISM: Homo Sapien
US-10-005-480A-207
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; ORGANISM: Homo Sapien
US-10-005-480A-151
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3 WDYF 6
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3 WDYF 6
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Oy 1 WEYF 4

Db 3 WDYF 6

RESULT 15

US-10-005-480A-637

Sequence 637, Application US/10005480A

Publication No. US20303191073A1

SEQUENCE 637, Application WS/10005480A

Publication No. US20303191073A1

SEQUENCE 637, Application Arthur 8.

APPLICANT: Aglateno, Arthur 8.

APPLICANT: Raiteno, Arthur 8.

APPLICANT: Morrison, Karen Jane Meyrick

APPLICANT: Morrison, Waren Jane Meyrick

APPLICANT: Morrison, Waren Jane Meyrick

APPLICANT: Morrison, Karen Jane Meyrick

APPLICANT: Morrison, Karen Jane Meyrick

APPLICANT: Morrison, Waren S.

APPLICANT: Morrison, Waren Jane Meyrick

SOFTWARR: FastSEG for Windows Version 4.0

SEQ ID NO 637

CURRENT FILING DATE: 201-11-07

NUMBER OF SEQ ID NOS: 765

SOFTWARE: PRT

COGANISM: Homo Sapien

US-10-005-480A-637

Query Match

Best Local Similarity 75.0%; Pred. No. 6.70+02;

Matches 3; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
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Search completed: September 10, 2005, 01:07:52 Job time : 162 secs

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Sequence 5543, Ap Sequence 8985, Ap Sequence 282, Ap Sequence 10, Appl Sequence 11, Appl Sequence 73, Appl Sequence 296, App Sequence 6743, Ap Sequence 6743, Ap Sequence 10072, A Sequence 157, Appl Sequence 168, App Sequence 1685, App Sequence
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1214, Ap
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Sequence 1046, Ap
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Sidney, J.
APPLICANT: Sidney, J.
APPLICANT: Sidney, J.
APPLICANT: Southwood, S.
APPLICANT: Colis, B.
APPLICANT: Colis, B.
APPLICANT: Chasnut, R.
APPLICANT: Chast, WI.
APPLICANT: Chast, WI.
TITLE OF INVERTION: HLA Binding Motifs and Peptides and Their Uses FILE REFERENCE: 2060.0500000
CURRENT APPLICATION NUMBER: US/10/817,970
CURRENT FILING DATE: 1997-03-20
PRIOR APPLICATION NUMBER: 08/821,739
PRIOR PILING DATE: 1996-03-21
PRIOR PILING DATE: 1996-03-21
PRIOR PILING DATE: 1996-03-21
PRIOR PILING DATE: 1996-03-22
PRIOR PILING DATE: 1996-03-23
PRIOR PILING DATE: 1994-01-25
PRIOR PILING DATE: 1994-01-25
PRIOR PILING DATE: 1993-08-06
PRIOR FILING DATE: 1994-12-01
PRIOR FILING DATE: 1994-13-01
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US-11-192-754-1

US-11-192-754-1

US-09-749-280D-8985

US-10-104-408A-282

US-11-129-260-10

US-11-129-260-11

US-11-097-864-73

US-11-097-864-73

US-11-097-864-73

US-11-097-864-73

US-11-045-024-640

US-11-045-024-640

US-11-045-024-640

US-11-045-024-640

US-11-045-024-671

US-11-199-820-57

US-10-817-970-368

US-10-817-970-368

US-10-817-970-368

US-10-817-970-143

US-10-817-970-143

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 47.3%; Score 26;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; Sequence 4176, Application US/10817970 ; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence
           APPLICANT: Grey, H.
APPLICANT: Sette, A.
APPLICANT: Sidney, J.
APPLICANT: Southwood, S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 1
US-10-817-970-4176
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        TYPE: PRT
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Sequence 1585, Ap
Sequence 1, Appli
Sequence 6771, Ap
Sequence 41, Appli
Sequence 32, Appl
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                                                                                                                                                                                              September 10, 2005, 00:55:52; Search time 74 Seconds (without alignments) 21.694 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 145,
Sequence 3, Ar
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Sequence 35,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Description
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Pending_Patente_AA_New:*

1: /cgn2_6/ptodata/1/paa/PCT_NEW_COMB.pep:*

2: /cgn2_6/ptodata/1/paa/US06_NEW_COMB.pep:*

3: /cgn2_6/ptodata/1/paa/US07_NEW_COMB.pep:*

4: /cgn2_6/ptodata/1/paa/US08_NEW_COMB.pep:*

5: /cgn2_6/ptodata/1/paa/US10_NEW_COMB.pep:*

6: /cgn2_6/ptodata/1/paa/US10_NEW_COMB.pep:*

7: /cgn2_6/ptodata/1/paa/US10_NEW_COMB.pep:*

8: /cgn2_6/ptodata/1/paa/US10_NEW_COMB.pep:*
                             GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-10-817-970-4176
US-10-817-970-4177
US-10-817-970-4192
US-10-817-970-4192
US-11-097-912-151
US-11-097-912-207
US-11-097-912-645
US-11-097-912-645
US-11-097-864-207
US-11-097-864-207
US-11-097-864-217
US-11-097-864-537
US-11-097-864-537
US-11-097-864-1572
US-11-097-864-1572
US-11-097-864-1573
US-11-129-260-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SUMMARIES
                                                                                                                                               OM protein - protein search, using sw model
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 0.5
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55
1 WEYFIAAEEV 10
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Match
                                                                                                                                                                                                                                                                                                                                              Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                 Scoring table:
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No.
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APPLICANT: Celsont, R.
APPLICANT: Chesnut, R.
APPLICANT: Kast, W.M.
APPLICANT: Kast, W.M.
TITLE OF INVENTION: HLA Binding Motifs and Peptides and Their Uses
FILE REFERENCE: 2006-0500000
CURRENT PILING DATE: 2004-04-06
FRIOR PILING DATE: 1997-03-20
FRIOR PILING DATE: 1996-03-21
FRIOR FILING DATE: 1996-01-33
FRIOR FILING DATE: 1996-01-33
FRIOR FILING DATE: 1996-01-23
FRIOR FILING DATE: 1995-01-23
FRIOR FILING DATE: 1995-01-23
FRIOR FILING DATE: 1995-01-23
FRIOR FILING DATE: 1995-01-23
FRIOR FILING DATE: 1994-01-25
FRIOR FILING DATE: 1994-01-25
FRIOR FILING DATE: 1994-01-25
FRIOR FILING DATE: 1993-01-29
FRIOR FILING DATE: 1993-01-29
FRIOR FILING DATE: 1993-08-06
FRIOR FILING DATE: 1993-08-06
FRIOR FILING DATE: 1993-08-07
FRIOR FILING DATE: 1993-08-0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 10;
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... 0; Indels
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Pred. No. 1.2e+02
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; Sequence 4308, Application US/10817970; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 75.0%;
Matches 3; Conservative
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Southwood, S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |:||
2 WQYF 5
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APPLICANT:
APPLICANT:
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APPLICANT: Celis, E.
APPLICANT: Celis, E.
APPLICANT: Celis, E.
APPLICANT: Cesact, M.W.
TITLE OF INVENTION: HLA Binding Motifs and Peptides and Their Uses
FILE REFERENCE: 2060-050000
CURRENT PAPLICATION NUMBER: US/10/817,970
CURRENT FILING DATE: 1997-03-20
PRIOR PRING DATE: 1995-03-21
PRIOR PILING DATE: 1996-03-21
PRIOR PILING DATE: 1996-01-32
PRIOR PILING DATE: 1996-01-32
PRIOR PILING DATE: 1996-01-25
PRIOR PILING DATE: 1994-01-25
PRIOR PELING DATE: 1993-10-25
PRIOR PELING DATE: 1993-10-26
PRIOR PELING DATE: 1993-10-26
PRIOR PELING DATE: 1993-10-26
PRIOR PELING DATE: 1993-10-26
PRIOR PELING DATE: 1993-10-30-6
PRIOR PELING DATE: 1993-03-06
PRIOR PELING DATE: 1
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47.3%; Score 26; DB 6; Length 10;
Best Local Similarity 75.0%; Pred. No. 1.2e+02;
Matches 3; Conservative 1; Mismatches 0; Indels
                                     Indels
   Pred. No. 1.2e+02;
1; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Synthetic Peptide US-10-817-970-4177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; Sequence 4192, Application US/10817970 ; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                Sequence 4177, Application US/10817970 GENERAL INFORMATION:
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Best Local Similarity 75.0%;
Matches 3; Conservative
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APPLICANT: Sette, A.
APPLICANT: Sidney, J.
APPLICANT: Southwood, S.
APPLICANT: Kubo, R.
                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Grey, H.
                                                                                                                                                                                  7 WOYF 10
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US-10-817-970-4192
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Gaps

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Sequence 421, Application US/11097912

Sequence 421, Application US/11097912

GENERAL INFORMATION:

APPLICANT: Challita-Eid, Pia M.

APPLICANT: Raitano, Arthur B.

APPLICANT: Raitano, Arthur B.

APPLICANT: Raitano, Arthur B.

APPLICANT: Hubert, Rene S.

APPLICANT: Hubert, Rene S.

APPLICANT: Jakobovits, Aya

TITLE OF INVENTION: UNCLET CAID AND CORRESPONDING PROTEIN ENTITLED 161P2F10B

TITLE OF INVENTION: USEFUL IN TREATMENT AND DETECTION OF CANCER

FILE REFERENCE: 511582006204.01

FILE REFERENCE: 5105-04-01

PRIOR FILING DATE: 2001-01-31

PRIOR FILING DATE: 2001-01-11-07

NUMBER OF SEQ ID NOS: 765

SOFTWARE: FRAESEQ for Windows Version 4.0

SEQ ID NO 421

LENGTH: ...
## APPLICANT: Hubert, Rene S.
### APPLICANT: Hubert, Raren Jane Meyrick
### APPLICANT: Jakobovits, Aya
### TITLE OF INVENTION: NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 161P2F10B
### TITLE OF INVENTION: USEFUL IN TREATMENT AND DETECTION OF CANCER
### TITLE OF INVENTION: USEFUL IN TREATMENT AND DETECTION OF CANCER
### CURRENT APPLICATION NUMBER: US/11/097,912
### CURRENT PILING DATE: 2005-04-01
### PRIOR PAPLICATION NUMBER: US 10/062,109
### PRIOR PAPLICATION NUMBER: US 10/062,480
### PRIOR PAPLICATION NUMBER: US 10/005,480
### PRIOR PILING DATE: 2001-11-07
### PRIOR PILING DATE: 2001-11-07
### SOFTHARE: PSECS for Windows Version 4.0
### SSEC ID NO 207
### ILENGTH: 10
### ILENGTH: 10
### ILENGTH: 10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1; Mismatches
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US-11-097-912-545
; Sequence 545, Application US/11097912
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Best Local Similarity 75.0 Matches 3, Conservative
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ORGANISM: Homo Sapien
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Best Local Similarity
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3 WDYF 6
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US-11-097-912-421
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GENERAL INFORMATION:

APPLICANT: Challiter Bid, Pia M.

APPLICANT: Challiter Bid, Arthur B.

APPLICANT: Faris, Mary

APPLICANT: Faris, Mary

APPLICANT: Hubert, Rene S.

APPLICANT: Hubert, Raren Jane Meyrick

APPLICANT: Jakobovits, Aya

TITLE OF INVENTION: WUCEBIC ACID AND CORRESPONDING PROTEIN ENTITLED 161P2F10B

TITLE OF INVENTION: WUSEFUL IN TREATMENT AND DETECTION OF CANCER

TITLE OF INVENTION: USEFUL IN TREATMENT AND DETECTION OF CANCER

TITLE OF INVENTION WUBBER: US 10/062,109

FRIOR FILING DATE: 2005-04-01

CURRENT PELICATION NUMBER: US 10/062,109

PRIOR FILING DATE: 2001-11-07

WUMBER OF SEQ ID NOS: 765

SOUTHARD FRIEND AND SECONDED AND SEC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
47.3%; Score 26; DB 6; Length 10;
Best Local Similarity 75.0%; Pred. No. 1.2e+02;
Matches 3; Conservative 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              47.3%; Score 26; DB 7; Length 10; 75.0%; Pred. No. 1.2e+02; tive 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: Synthetic Peptide US-10-817-970-4308
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 207, Application US/11097912
GENERAL INFORMATION:
APPLICANT: Challita-Bid, Pia M.
APPLICANT: Raitano, Arthur B.
APPLICANT: Faris, Mary
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 75.00,
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US-11-097-912-151
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              7 WQYF 10
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APPLICANT: Raitano, Arthur B.
APPLICANT: Raitano, Arthur B.
APPLICANT: Raitano, Arthur B.
APPLICANT: Hubert, Rene S.
APPLICANT: Hubert, Rase S.
APPLICANT: Hubert, Rase S.
APPLICANT: Hubert, Rase S.
APPLICANT: Jakobovits, Aya
TITLE OF INVENTION: WUCLEIC ACID AND CORRESPONDING PROTEIN NAMED 161P2F10B
TITLE OF INVENTION: USEFUL IN THE TREATMENT AND DETECTION OF CANCER
TITLE REPREBENCE: 211582006205
CURRENT APPLICATION NUMBER: US 11/097,864
CURRENT PILING DATE: 2005-04-01
PRIOR FILING DATE: 2005-01-31
PRIOR FILING DATE: 2005-01-31
PRIOR FILING DATE: 2001-11-07
NUMBER OF SEQ ID NOS: 765
SOFTWARE: FastSEQ for Windows Version 4.0
SOFTWARE: FastSEQ for Windows Version 4.0
APPLICANT: Jakobovits, Aya

TITLE OF INVENTION: UNCLEIC ACID AND CORRESPONDING PROTEIN NAMED 161P2F10B

TITLE OF INVENTION: USEFUL IN THE TREATMENT AND DETECTION OF CANCER

FILE REPERENCE: 511582006205

CURRENT APPLICATION NUMBER: US/11/097,864

CURRENT FILING DATE: 2005-04-01

PRIOR FILING DATE: 2002-01-31

PRIOR PRIOR APPLICATION NUMBER: US 10/062,480

PRIOR FILING DATE: 2001-11-07

NUMBER OF SEQ ID NOS: 765

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 151

LENGTH: 10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
47.3%; Score 26; DB 7; Length 10;
Best Local Similarity 75.0%; Pred. No. 1.2e+02;
Matches 3; Conservative 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1; Mismatches
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Hubert, Rene S.
Morrison, Karen Jane Meyrick
Jakobovits, Aya
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; GENERAL INFORMATION:
; APPLICANT: Challita-Eid, Pia M.
; APPLICANT: Raitano, Arthur B.
; APPLICANT: Faris, Mary
; APPLICANT: Hubert, Rene S.
; APPLICANT: Moxrison, Karen Jane Meyric;
; APPLICANT: Jakobovits, Aya
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 207, Application US/11097864 GENERAL INFORMATION:
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Best Local Similarity 75.0°
----hes 3; Conservative
                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
CORGANISM: Homo Sapien
US-11-097-864-151
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Homo Sapien
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APPLICANT: Challita-Eid, Pia M.
APPLICANT: Raitano, Arthur B.
APPLICANT: Raitano, Arthur B.
APPLICANT: Faris, Mary
APPLICANT: Hubert, Rene S.
APPLICANT: Hubert, Rene S.
APPLICANT: Hubert, Raren Jane Meyrick
APPLICANT: Jakobovits, Aya
TITLE OF INVENTION: NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 161P2F10B
TITLE OF INVENTION: USEFUL IN TREATMENT AND DETECTION OF CANCER
FILE REFERENCE: 511582006204
CURRENT APPLICATION NUMBER: US/11/097, 912
CURRENT APPLICATION NUMBER: US 10/062,109
PRIOR FILING DATE: 2002-01-31
PRIOR APPLICATION NUMBER: US 10/062,109
PRIOR PILING DATE: 2001-11-07
NUMBER OF SEQ ID NOS: 765
SOFTWARE: FRAILSEQ for Windows Version 4.0
                APPLICANT: Morrison, Karen Jane Meyrick
APPLICANT: Jakobovits, Aya
TITLE OF INVENTION: NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 161P2F10B
TITLE OF INVENTION: USEFUL IN TREATMENT AND DETECTION OF CANCER
FILE REFERENCE: 511582006204 IN TREATMENT AND DETECTION OF CANCER
FILE REFERENCE: 511582006204.01
PRIOR PAPLICATION NUMBER: US 10/1062,109
PRIOR PAPLICATION NUMBER: US 10/062,109
PRIOR APPLICATION NUMBER: US 10/062,480
PRIOR PALLING DATE: 2001-11-07
NUMBER OF SEQ ID NOS: 765
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 545
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47.3%; Score 26; DB 7; Length 10;
Best Local Similarity 75.0%; Pred. No. 1.2e+02;
Matches 3; Conservative 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           47.3%; Score 26; DB 7; Length 10; 75.0%; Pred. No. 1.2e+02; tive 1; Mismatches 0; Indels
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US-11-097-864-151
; Sequence 151, Application US/11097864
; GENERAL INFORMATION:
; APPLICANT: Challita-Eid, Pia M.
; APPLICANT: Raitano, Arthur B.
; APPLICANT: Hubert, Rene S.
; APPLICANT: Hubert, Rene S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 5-11-097-912-637
Sequence 637, Application US/11097912
GENERAL INFORMATION:
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Best Local Similarity 75.0°
----- 3; Conservative
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US-11-097-912-637
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US-11-097-912-545
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LENGTH: 10
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TYPE: PRT
; ORGANISM: Homo Sapien
US-11-097-864-637
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WDYF 6
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; TITLE OF INVENTION: UNCLEIC ACID AND CORRESPONDING PROTEIN NAMED 161P2F10B
; TITLE OF INVENTION: USEFUL IN THE TREATMENT AND DETECTION OF CANCER
; FILE REFERENCE: 51152006205
; CURRENT APPLICATION NUMBER: US/11/097,864
; CURRENT FILING DATE: 2005-04-01
; PRIOR APPLICATION NUMBER: US 10/062,109
; PRIOR PELING DATE: 2001-11-07
; PRIOR APPLICATION NUMBER: US 10/065,480
; PRIOR FILING DATE: 2001-11-07
; NUMBER OF SEQ ID NOS: 765
; SOFTWARE: FactSEQ for Windows Version 4.0
; SEQ ID NO 421
; LENGTH: 10
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Homo Sapien
US-11-097-864-421
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 545, Application US/11097864
GENERAL INFORMATION:
FREALING ARTHUR Challita-Eid, Pia M.
FAPPLICANT: Raitano, Arthur B.
APPLICANT: Raitano, Arthur B.
APPLICANT: Raitano, Arthur B.
APPLICANT: Raitano, Arthur B.
TYPLE OF INVENTION: WIGHER C.
TITLE OF INVENTION: WIGHER CAID AND CORRESPONDING PROTEIN NAMED 161P2F10B
TITLE OF INVENTION: WIGHER CAID AND CORRESPONDING PROTEIN NAMED 161P2F10B
TITLE OF INVENTION: WIGHER: US/11/097,864
CURRENT APPLICATION NUMBER: US/11/097,864
CURRENT APPLICATION NUMBER: US 10/062,109
FRIOR FILING DATE: 2002-01-31
FRIOR FILING DATE: 2001-11-07
NUMBER OF SEQ ID NOS: 765
SOFTWARE: FastSEQ for Windows Version 4:0
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Sequence 637, Application US/11097864
GENERAL INFORMATION:
APPLICANT: Challite-Eid, Pia M.
APPLICANT: Farish, Mary
APPLICANT: Farish, Mary
APPLICANT: Morrison, Karen Jane Meyrick
APPLICANT: Jakobovits, Aya
TITLE OF INVENTION: NUCLEIC ACID AND CORRESPONDING PROTEIN NAMED 161P2F10B
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                                                                                                                                                                                                                                                                                                                                                                                                     Length 10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                47.3%; Score 26; DB 7; I
75.0%; Pred. No. 1.2e+02;
7ative 1; Mismatches 0;
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Best Local Similarity 75.0.
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US-11-097-864-545
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 WEYF 4
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US-10-351-641B-1572

Sequence 1572, Application US/10351641B
GENERAL INFORMATION:
APPLICANT: Barney, S.
APPLICANT: Guthrie, K.
APPLICANT: Merutka, G.
TITLE OF INVENTION: DA ENCODING T-1249 AND OTHER VIRAL FUSION INHIBITOR
TITLE OF INVENTION: DEPTILES USEFUL. FOR TREATING AIDS
TITLE OF INVENTION: DEPTILES USEFUL. FOR TREATING AIDS
TITLE OF INVENTION: DAYS: 1091-24
CURRENT APPLICATION NUMBER: 09/350,641
PRIOR FILING DATE: 1999-07-09
PRIOR FILING DATE: 1999-07-09
PRIOR FILING DATE: 1999-05-20
PRIOR FILING DATE: 1999-05-20
PRIOR SEQ ID NOS: 1791
SOFTWARE: PASESEQ for Windows Version 3.0
SSEQ ID NO 1572
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USEFUL IN THE TREATMENT AND DETECTION OF CANCER
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43.6%; Score 24; DB 6; Length 10;
Best Local Similarity 75.0%; Pred. No. 2.9e+02;
Matches 3; Conservative 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                               Length 10;
                                                                                                                                                                                                                                                                                                                                                                                                          47.3%; Score 26; DB 7; Length 10;
75.0%; Pred. No. 1.2e+02;
tive 1; Mismatches 0; Indels
             FILE REFERENCE: 511582006205
CURRENT APPLICATION NUMBER: US/11/097,864
CURRENT FILING DATE: 2005-04-01
PRIOR APPLICATION NUMBER: US 10/062,109
PRIOR FILING DATE: 2002-01-31
PRIOR PILING DATE: 2001-11-07
NUMBER OF SEQ ID NOS: 765
SOFTWARE: FRAESEQ for Windows Version 4.0
SENGTH: 10
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Job time : 75 secs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 47.3
Best Local Similarity 75.0
Matches 3; Conservative
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TISSUB-Brain;

MEDLINE-91352338; PubMed=1882082; DOI=10.1016/0167-0115(91)90206-V;

MEDLINE-91352338; PubMed=1882082; DOI=10.1016/0167-0115(91)90206-V;

Lovejoy D.A., Fister W. B., McRory J.E., Park M.,

Lance V., Swanson P., Rivier J.E., Sherwood N.M.;

Lance V., Swanson P., Rivier J.E., Sherwood N.M.;

"Primary structure of two forms of gonadotropin-releasing hormone from the forms of the American alligator (Alligator mississippiensis).";

Regul. Pept. 33:105-116(1991).

"I FUNCTION: Stimulates the secretion of gonadotropins.

"I SUBCELLULAR LOCATION: Secreted.

"I SUBCELLULAR LOCATION: Secreted.

"I STMLARITY: Belongs to the GRRH family.

InterPro; IPR002012; GRRH.

Regul. Pept. 31:05-116(1991).

"I PROSITE; PS00445; GRRH; I.

Regul. Pept. Stimulation: Direct protein sequencing; Hormone; Hypothalamus;

Pyrrolidone carboxylic acid.
                  alligator m
gallus gall
clupea pall
                                                                          squalus aca
                                                                                                                      glycine max
nicotiana t
                                                                                                                                                                 phomopsis s
phomopsis s
                                                                                                        equalus aca
                                                                                                                                                   comamonas t
                                                                                                                                                                                               fusarium sp
   clupea pall
                                                              hydrolagus
                                                                                        petromyzon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GON3 ONCKE STANDARD, PRT; 10 AA.
P20367; P81751;
01-FEB-1991 (Rel. 17, Created)
01-FEB-1991 (Rel. 17, Last sequence update)
05-UJL-2004 (Rel. 44, Last annotation update)
Gonadoliberin III (Gonadotropin-releasing hormone III) (GnRH-III) (LH-RH III) (Luliberin III).
                                                                                                                                                                                                                                                                                                                                                                                           (GnRH-I) (LH-RH I)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                      Alligator mississippiensis (American alligator).
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Archosauria, Crocodylidae, Alligatorinae, Alligator.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
               P68073
P68072
P68075
P68076
P0948
P10948
P27429
P27429
P55962
P65962
P66961
P696166
P696166
P696166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 18; DB 1; Length 10;
Pred. No. 2e+04;
0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Pyrrolidone carboxylic acid.
Glycine amide.
284B23D7286B45A3 CRC64;
                                                                                                                                                                                                                                                                                                                            P37041; P20407;
01-FBB-1991 (Rel. 17, Created)
01-FBB-1991 (Rel. 17, Last sequence update)
05-JUL-2004 (Rel. 44, Last annotation update)
Gonadoliberin I (Gonadotropin-releasing hormone I)
                                                                                                                                                                                                                                                                                                                  10 AA
                                                                                                                                                                                                                                         ALIGNMENTS
GON1_CLUPA
GON2_ALLM1
GON2_CLUPA
GON2_CLUPA
GON3_PETMA
GON3_PETMA
GON1_SQUAC
MDR2_SOVBN
NO40_TOBAC
Q20G_COMTE
Q69FL6
                                                                                                                                                                                                                                                                                                                  PRT;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               32.7%;
milarity 66.7%;
Conservative 0
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2; Conserva
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 NCBI_TaxID=8496;
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Q7m530
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Q71u13
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Q7sa62
Q7rsi4
Q7rsi4
Q70rsi4
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               GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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1: uniprot_sprot:*
2: uniprot_trembl:*
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MEDLINE=21999242; PubMed=12003980;
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3; Conservative
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                                                                                                                                                      Mukund S., Adams M.W.W.;
"The novel tungsten-iron-sulfur protein of the hyperthermophilic archaebacterium, Pyrococcus furiosus, is an aldehyde ferredoxin oxidoreductase. Evidence for its participation in a unique glycolytic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Archaea; Euryarchaeota; Thermococci; Thermococcales; Thermococcaceae;
                                                                                                    Sherwood N., Eiden L., Brownstein M., Spiess J., Rivier J., Vale W., "Characterization of a teleost gonadotropin-releasing hormone."; Proc. Natl. Acad. Sci. U.S.A. 80:2794-2798(1983).
                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
    Clupea pallasii (Pacific herring)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Actinopterygii; Neopterygii; Teleostei; Euteleostei;
Protacanthopterygii; Salmoniformes; Salmonidae; Oncorhynchus.
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0
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Pfam; PF00446; GnRH; 1.
PROSITE; PS00473; GNRH; 1.
Amidation; Direct protein sequencing; Hormone; Hypothalamus;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             01-MAR-2004 (TrEMBLrel. 26, Created)
01-MAR-2004 (TrEMBLrel. 26, Last sequence update)
01-MAR-2004 (TrEMBLrel. 26, Last annotation update)
Aldehyde ferredoxin oxidoreductase (EC 1.2.7..) (Fragment).
                                                                                                                                                                                                                                                                                                                                                                                         Length 10;
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                                                                                                                                                                                                                                                                                                                                                 Pyrrolidone carboxylic acid.
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284B3233786B45A3 CRC64;
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Pred. No. 3.1e+04;
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2e+04;
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Pred. No. 2e+04
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          10 AA.
                                                                                                                                                                                                                                                                        -!- SIMILARITY: Belongs to the GnRH family. PIR; A21114; A21114.
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PIR, A40753; A40753.
  Oncorhynchus keta (Chum salmon), and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRT;
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                                                                                    SPECIES=0.keta;
MEDLINE=83195140; PubMed=6341999;
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66.7%;
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                                                                                                                                                 SEQUENCE, AND FUNCTION
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2; Conserva
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Best Local Similarity
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01-FFB2-1994 (Rel. 28, Last sequence update)
05-JUL-2004 (Rel. 44, Last annotation update)
Hypertrehalosaemic factor (HOTH) (Dipteran corpora cardiaca factor II)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Tabanus atratus (Horse fly).
Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
Neoptera; Endopterygota; Diptera; Brachycera; Tabanomorpha; Tabanidae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TISSUE=Corpora cardiaca;
MEDLINE=90046758; PubMed=2813385;
MEDLINE=90046758; PubMed=2813385;
Jaffe H., Raina A.K., Riley C.T., Fraser B.A., Nachman R.J.,
Vogel V.W., Zhang Y.-S., Hayes D.K.;
"Primary structure of two neuropeptide hormones with adipokinetic and
hypotrehalosemic activity isolated from the corpora cardiaca of horse
flies (Diptera);";
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Proc. Natl. Acad. Sci. U.S.A. 86:8161-8164(1989).
-!- FUNCTION: Hypertrehalosaemic factors are neuropeptides that
elevate the level of trehalose in the hemolymph (trehalose is the
major carbohydrate in the hemolymph of insects).
-!- SUBCELIULAR LOCATION: Secreted.
-!- SIMILARITY: Belongs to the AKH / HRTH / RPCH family.
                                                                                                                                                                                                                                                                                                                                                       Yum J.H., Yi K., Lee H., Yong D., Lee K., Kim J.M., Rossolini G.M., Chong Y.;
"Molecular characterization of metallo-b-lactamase-producing Actinetobacter baumanni; and Acinetobacter genomospecies 3 from Korea: identification of two new integrons carrying the bla(VIM-2) gene
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
                                                                                                                                                           Acinetobacter genomosp. 3.
Bacteria, Proteobacteria, Gammaproteobacteria, Pseudomonadales, Moraxellaceae, Acinetobacter.
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                                                                                                                Quaternary ammonium compound-resistance protein (Fragment).
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Pred. No. 3.1e+04;
2; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2E287BC729C73378 CRC64;
                                          01-DEC-2001 (TrEMBLrel. 19, Created)
01-DEC-2001 (TrEMBLrel. 19, Last sequence update)
01-DEC-2001 (TrEMBLrel. 19, Last annotation update)
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10 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gassettes.";
J. Antimicrob. Chemother. 49:837-840(2002)
EMBL; AF369871; AAK54205.1; -.
NON TER 10
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Gaps

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"Identification of a 38-kDa protein (p38) in HL-60 leukemic cells as a truncated actin.";
Biochem. Int. 25:307-319(1991).
GO; GO:0015629; C:actin cytoskeleton; NAS.
GO; GO:003774; F:motor activity; NAS.
NON_TER 1 10 10
SEQÜENCE 10 AA; 1146 MW; DB131DEB1B076DC2 CRC64;
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MEDLINE=96413669; PubMed=8816823; DOI=10.1073/pnas.93.19.10461;
MEDLINE=96413669; PubMed=8816823; DOI=10.1073/pnas.93.19.10461;
Powell J.F.F., Reska-Skinner S.M., Prakash M.O., Fischer W.H.,
Park M., Rivier J.B., Craig A.G., Mackie G.O., Sherwood N.M.;
"Two new forms of gonadotropin-releasing hormone in a protochordate and the evolutionary implications.";
Proc. Natl. Acad. Sci. U. A. 93:10461-10464 (1996).
-I- FUNCTION: Stimulates the secretion of gonadotropins; it stimulates
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            01-NOV-1997 (Rel. 35, Created)
01-NOV-1997 (Rel. 35, Last sequence update)
05-JUL-2004 (Rel. 44, Last annotation update)
Gonadoliberin I (Gonadotropin-releasing hormone I) (GnRH-I) (Luliberin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Chelyosoma productum.
Eukaryota; Metazoa; Chordata; Urochordata; Ascidiacea; Enterogona;
Phlebobranchia; Corellidae; Chelyosoma.
NCBI_TaxID=71177;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE FROM N.A.

MEDLINE=98393704; PubMed=9724763; DOI=10.1073/pnas.95.18.10676;
MEDLINE=98393704; PubMed=9724763; DOI=10.1073/pnas.95.18.10676;
MEDLINE=98393704; PubMed=9724763; DOI=10.1073/pnas.95.18.10676;
NOnsymonymous substitution in abalone sperm fertilization genes exceeds substitution in introns and mitochondrial DNA.";
Proc. Natl. Acad. Sci. U.S.A. 95:10676-10681(1998).
NATION TER 1. -.
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Vetigastropoda, Haliotoidea, Haliotidae, Haliotis.
                                                                                                                                                                                                               Score 16; DB 2; Length 10;
Pred. No. 4.8e+04;
1; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    29.1%; Score 16; DB 2; Length 10; 66.7%; Pred. No. 4.8e+04;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        10 AA; 1196 MW; C507DF572DD33326 CRC64;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       05-JUL-2004 (TrEMBLrel. 27, Created)
05-JUL-2004 (TrEMBLrel. 27, Last sequence update)
05-JUL-2004 (TrEMBLrel. 27, Last annotation update)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                10 AA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1; Mismatches
                                                                                                                                                                                                                  29.1%;
                                                                                                                                                                                                                                          Local Similarity 60.0
les 3; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRELIMINARY;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Local Similarity
                                                                                                                                                                                                                                                                                                            5 IAAEE 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NCBI_TaxID=6454;
                                                                                                                                                                                                                                                                                                                                                        3 VAPEE 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Lysin (Fragment)
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SEQUENCE
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                                                                Pyrrolidone carboxylic acid.
Tyrosine amide.
916036786771A9D1 CRC64;
                                                                                                                                                                                                             Score 16; DB 1; Length 10;
Pred. No. 4.8e+04;
0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             29.1%; Score 16; DB 2; Length 10; 100.0%; Pred. No. 4.8e+04; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          den Dunnen J.T.;
Submitted (DEC-1999) to the EMBL/GenBank/DDBJ databases.
EMBL; AF276053; AAL35752.1; -.
EMBL; AF213401; AAL61549.1; -.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Beggs A.H., Koenig M., Kunkel L.M.;
Submitted (DEC-1999) to the EMBL/GenBank/DDBJ databases
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE FROM N.A.
Ditta S.D., Klamut H.J., Ray P.N., Worton R.G.,
Submitted (JUN-2000) to the EMBL/GenBank/DDBJ databases
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE 10 AA; 1340 MW; 2B999202CB1B0363 CRC64;
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01-MAY-2000 (TrEMBLrel. 13, Last sequence update)
01-JUN-2003 (TrEMBLrel. 24, Last annotation update)
P42=42 kDa NON-muscle cytoplasmic actin (Fragment).
                        InterPro; IPR002047; AKH.
PROSITE; PS00256; AKH; 1.
Amidation; Direct protein sequencing; Neuropeptide;
Pyrrolidone carboxylic acid.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       01.MAR-2002 (TrEMBLrel. 20, Created)
1-MAR-2002 (TrEMBLrel. 20, Last sequence update)
05-JUL-2004 (TrEMBLrel. 27, Last annotation update)
Dystrophin (Fragment).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             10 AA
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Miyamoto S., Wu J.M.;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Name=dystrophin; Synonyms=DMD;
                                                                                                                                                                                                               29.1%;
                                                                                                                  MOD_RES 1 1 1 1 MOD_RES 10 10 SEQUENCE 10 AA; 1169 MW;
                                                                                                                                                                                                                                     Best Local Similarity 66.7
Matches 2; Conservative
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1es 2; Conservative
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  PIR; B33995; B33995.
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QBWTT4;
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Hypothetical protein.
SEQUENCE 10 AA; 12
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                                                                                                                                                                   NCBI_TaxID=73239;
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YYIS
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                                         Q7RSI4
             RESULT 11
                             Q7RSI4
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                                            close to
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                                                                                                                                                                                                                                                                                     Gaps
                                       -i- TISSUE SPECIFICITY: GNRH neurons lie within blood sinuses close the gonducts and gonads in both juveniles and adulte, implying that the neuropeptide is released into the bloodstream.
-i- MASS SPECTROMETRY: WW=1246.56; METHOD=MALDI; RANGE=1-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Nature 0:0-0(2003).
-!- CAUTION: The sequence shown here is derived from an
EMBL/GenBank/DDBJ whole genome shotgun (WGS) entry which is
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Neurospora crassa.
Eukaryota; Fungi; Ascomycota; Pezizomycotina; Sordariomycetes;
Sordariomycetidae; Sordariales; Sordariaceae; Neurospora.
the secretion of both luteinizing and follicle-stimulating
                                                                                                                                                                                                                                                       Score 15.5; DB 1; Length 10; Pred. No. 6e+04; 1; Mismatches 0; Indels
                                                                                                                                                                                                               Glycine amide (By similarity) 284B3639DB5AB5A3 CRC64;
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                                                                                                                                                                                                  Pyrrolidone carboxylic acid
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SEQUENCE 10 AA; 1284 MW; D6D34CB72DC40059 CRC64;
                                                                                                                                                                                                                                                                                                                                                                                                                                                           Last sequence update)
Last annotation update)
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Pred. No. 7.5e+04;
                                                                                                                                            PROSITE, PSO0473; GNRH; 1.
Amidation; Direct protein sequencing; Hormone; Pyrrolidone carboxylic acid.
                                                                                                                                                                                                                                                                                                                                                                                                                  10 AA.
                                                                                               NOTE=Ref.1.
-!- SIMILARITY: Belongs to the GnRH family.
InterPro; IPR002012; GnRH.
Pfam; PF00446; GnRH, 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1; Mismatches
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                hormones.
SUBCELLULAR LOCATION: Secreted.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 27.3%;
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60.0%;
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                                                                                                                                                                                                                             10 AA; 1264 MW;
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                                                                                                                                                                                                                                                                                      Conservative
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                                                                                                                                                                                                                                                                       Local Similarity
nes 3, Conserv
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Best Local Similarity
Matches 3; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Name=NCU08327.1;
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WSDYF
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SEQUENCE
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Matches
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Carucci D.J.; "Genome sequence and comparative analysis of the model rodent malaria
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
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MEDLINE=21531263; PubMed=11673859; DOI=10.1006/abbi.2001.2546;
MEDLINE=21531263; PubMed=11673859; DOI=10.1006/abbi.2001.2546;
MEDLINE=21531263; PubMed=11673859; DOI=10.1006/abbi.2001.2546;

"Calpastatin expression in porcine cardiac and skeletal muscle and partial gene structure.";

Arch. Biochem. Biophys. 395:1-13(2001).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Cetartiodactyla; Suina; Suidae; Sus.
NCBI_TaxID=9823;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           EMBL/GenBank/DDBJ whole genome shotgun (WGS) entry which is
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ;
0
                                                                                                                                                                            Eukaryota, Alveolata, Apicomplexa, Haemosporida, Plasmodium.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 15; DB 2; Length 10;
Pred. No. 7.5e+04;
2; Mismatches 0; Indels
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Submitted (SEP-2003) to the EMBL/GenBank/DDBJ databases.
EMBL; AJS83410; CAE47431.1; -.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                parasite Plasmodium yoelii yoelii.";
Nature 419:512-519(2002).
-!- CAUTION: The sequence shown here is derived from an
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CFF912436365BDD9 CRC64;
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Last sequence update)
Last annotation update)
                   ol-mar-2004 (TrEMBLrel. 26, Created)
01-Mar-2004 (TrEMBLrel. 26, Last sequence update)
01-Mar-2004 (TrEMBLrel. 26, Last annotation update)
Name-Porthetical protein.
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10 AA
                                                                                                                                                                                                                                                                                               PubMed=12368865; DOI=10.1038/nature01099;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           preliminary data.
EMBL; AABL01000104; EAA15335.1;
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05-JUL-2004 (TrEMBLrel. 27, Las
05-JUL-2004 (TrEMBLrel. 27, Las
Calpastatin type 2 (Fragment).
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Matches 2; Conservative
PRELIMINARY;
                                                                                                                                                         Plasmodium yoelii yoelii
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Search completed: September 10, 2005, 00:55:48
Job time : 55 secs
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                                                                                                                                                 p96305;
01-MAY-1997 (TrEMBLrel. 03, Created)
01-MAY-1997 (TrEMBLrel. 03, Last sequence update)
01-MAR-2002 (TrEMBLrel. 20, Last annotation update)
Coded portion of proteolysis tag (Fragment).
Alteromonas haloplanktis (Pseudoalteromonas haloplanktis).
Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales;
Pseudoalteromonadaceae; Pseudoalteromonas.
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Aeromonadaceae; Aeromonas.
NCBI_TaxID=645;
              Length 10;
                                                                                                                                                                                                                                                                                                                                                                                  27.3%; Score 15; DB 2; Length 10; 60.0%; Pred. No. 7.5e+04; tive 1; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             27.3%; Score 15; DB 2; Length 10; 60.0%; Pred. No. 7.5e+04; tive 1; Mismatches 1; Indels
                                    1; Indels
                                                                                                                                                                                                                                                                            STRAIN=ATCC 14393;
MEDLINE=97128184; PubMed=8972778;
Williams K.P., Bartel D.P.;
"Phylogenetic analysis of tmRNA secondary structure.";
RNA 2:1306-1310(1966).
EMBL; U68076; AAB48021.1; -.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STRAIN=ATCC 33658;
MEDLINE=97128184; PubMed=8972778;
Williams K.P., Bartel D.P.;
"Phylogenetic analysis of tmRNA secondary structure.";
RNA 2:1306-1310(1996).
EMBL; U68075; AAB48022.1; -.
                                                                                                                                                                                                                                                                                                                                                              SEQUENCE 10 AA; 1053 MW; 857BD235AB544AAA CRC64;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE 10 AA; 1051 MW; 857BD22DCB544B1A CRC64;
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01-MAY-1997 (TrEMBLrel. 03, Last sequence update)
01-NOV-1998 (TrEMBLrel. 08, Last annotation update)
            Score 15; DB 2; L
Pred. No. 7.5e+04;
0; Mismatches 1;
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             27.3%;
66.7%;
Query Match
Best Local Similarity 66.70,
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nes 3; Conservative
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SEQUENCE FROM N.A.
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Best Local Similarity
Matches 3; Conserv
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6 YALAA 10
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Matches
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[2] SEQUENCE FROM N.A. SEQUENCE 13; MEDLINE=95023883; PubMed=7524073; Komine Y., Kitabatake M., Yokogawa T., Nishikawa K., Inokuchi H.; Komine Y., Kitabatake M., Yokogawa T., Nishikawa K., Inokuchi H.; Acmine Y., Kitabatake M., Yokogawa T., Nishikawa K., Inokuchi H.; Escherichia coll."; Proc. Natl. Acad. Sci. U.S.A. 91:9223-9227(1994).

EMBL, 108074; ABB48024.1; -.

SEQÜENCE 10 AA; 1051 MW; 857BD22DCB544BlA CRC64;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gapa
                                                                                                                                                                                            Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales;
Enterobacteriaceae; Escherichia.
NCBI_TaxID=562;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
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                                                                                                                                                                                                                                                                                                                                                                                         Williams K.P., Bartel D.P.; "Phylogenetic analysis of tmRNA secondary structure."; RNA 2:1306-1310(1996).
                                                  01-MAY-1997 (TrEMBLrel. 03, Created)
01-MAY-1997 (TrEMBLrel. 03, Last sequence update)
01-NOV-1998 (TrEMBLrel. 08, Last annotation update)
Coded portion of proteolysis tag (Fragment).
10 AA.
                                                                                                                                                                                                                                                                                                                                       STRAIN=ATCC 133;
MEDLINE=97128184; PubMed=8972778;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Query Match
Best Local Similarity 60.00,
Best Local 3; Conservative
PRELIMINARY;
                                                                                                                                                                                                                                                                                                         SEQUENCE FROM N.A.
                                                                                                                                                                     Escherichia coli.
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Description	Sequence 2954, Ap			197,	Sequence 1254, Ap	Sequence 22, Appl	Sequence 19, Appl	Sequence 21, Appl	54,	69	54	43,	116,	16, 7	21,	17,	16,	21,	17,	19,	21,	1649	Sequence 2093, Ap	Sequence 1017, Ap	Seguence 4015, Ap
ID	US-11-004-399-2954	US-11-004-399-1768	US-10-536-067-13	US-10-395-607A-197	US-11-004-399-1254	US-11-030-300-22	PCT-US04-39427-19	PCT-US04-39427-21	US-09-424-840-54	US-09-700-179B-69	US-09-424-840-54	US-09-920-306B-43	US-09-071-838A-116	US-10-953-116-16	US-10-953-119-21	US-10-953-110A-17	US-10-953-116A-16	US-10-953-119A-21	US-10-953-110B-17	US-10-997-759-19	US-10-997-759-21	US-11-004-399-1649	US-11-004-399-2093	Ξ	US-11-129-741-4015
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* Query Match	73.1	61.5	57.7	57.7	53.8	53.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	20.0	50.0
Score	19	16	15	15	14	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
Result No.		7	m	4	S	9	7	80	o	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25

APPLICANT: Chye, Mee Lee
APPLICANT: Chye, Mee Lee
APPLICANT: Li, Hong Ye
APPLICANT: Li, Hong Ye
APPLICANT: Ramalingam, Sathiskumar
APPLICANT: Peiris, Joseph Sriyal Malik
TITLE OF INVENTION: Sequences and Methods of Use Thereof For Immunization Against S.
FILE REFERENCE: 2587/73166/RDK
CURRENT APPLICATION NUMBER: US/11/004,399
CURRENT FILING DATE: 2004-12-03
PRIOR APPLICATION NUMBER: US 60/527,637

2222	13 50. 12 46.	0444	2555 255 255 255 255 255 255 255 255 25	US-60-645-587-13 PCT-US04-35749-43 PCT-US04-35749-62 PCT-US04-35749-63	Sequence 13, Appl Sequence 43, Appl Sequence 62, Appl Sequence 61, Appl	
010	4 4 4		1 H H W	PCT-US04-39427-18 PCT-US04-39427-20 US-09-601-644B-36	20,	
€ 4. R	4 4 4 6 4 6		ហលល	US-09-920-306B-38 US-09-920-306B-39 US-09-920-306B-40	38,	
96	4 4 6		N W	US-09-954-737C-39 US-09-251-638C-8	39,	
	46 46		99	US-10-876-343A-24 US-10-876-343A-28	2 4 8	
0 11	4 4 6 6		99	US-10-496-869-1 US-10-980-989A-101	100	
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	4 4 6 4		99	US-10-975-157-63 US-10-156-820A-33	Sequence 63, Appl Sequence 33, Appl	
				ALIGNMENTS		
RESULT 1						
US-11-004-399-2954	1-2954	1,000	7 211	000,00011		
; Sequence 2954, Appli ; GENERAL INFORMATION:	ORMATIO	N:	1 03/	7 TT004339		
; APPLICANT: ; APPLICANT:	Chye,	Ye	;			
, APPLICANT: ; APPLICANT:		Ramalingam, Sathi Poon, Leo Lit Man	Sathi : Man	Sathiskumar t Man		
APPLICANT	Peiri	s, Josei	sh Sr	iyal Malik		
; TITLE OF INVENTION: Generically; TITLE OF INVENTION: Sequences	NVENTIO	N: General	lcal	Modified Plants and Methods of Us	comprising SARS-COV Viral Nucleoria se Thereof For Immunization Against	မှ လ
, FILE REFER	ENCE: 2	587/731	36/RI	JK IS/11/004.399	1	
CURRENT FI	LING DA	TE: 20(34-12	CURRENT FILING DATE: 2004-12-03		
; PRIOR APPI ; PRIOR FILI	CATION NG DATE	NUMBER 1: 2003-1	. us 12-03	60/527,637		
, NUMBER OF SEQ ID NOS: 4043	SEQ ID	NOS: 40	£ 1	•		
	Parenti 954	2954	า	7.		
; LENGTH: 5						
, 1155; FN1 ; ORGANISM: SARS US-11-004-399-2954	SARS-C-2954	SARS-CoV Virus 2954	m			
Query Match Best Local	n Similarity	L L	3.1%;	Score 19; DB 7; Pred. No. 6.8e+05;	Length 5;	
Matches	3;	ati	e G	1; Mismato	Indels 0; Gaps 0;	
Oy 5	DNFS 5					
Db 2	DNF					
RESULT 2					,	
US-11-004-399-1768 ; Sequence 1768, Application US/11004399	-1768 68, App	lication	/sn ı		To To	
; GENERAL INF ; APPLICANT:	ORMATIO Chye,	N: Mee Lee				
; APPLICANT:	Li, H Ramal	Li, Hong Ye Ramalingam, S	lathi	Sathiskumar	7	

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Sequence 1254, Application US/11004399

Sequence 1254, Application US/11004399

Sequence 1254, Application US/11004399

APPLICANT: Chye, Mee Lee

APPLICANT: Li, Hong Ye

APPLICANT: Braalingam, Sathiskumar

APPLICANT: Peiris, Joseph Sriyal Malik

TITLE OF INVENTION: Genetically Modified Plants Comprising SARS-CoV Viral Nucleotide

TITLE OF INVENTION: Genetically Modified Plants Comprising SARS-CoV Viral Nucleotide

TITLE OF INVENTION: Sequences and Methods of Use Thereof For Immunization Against S.

TITLE OF INVENTION: Sequences 2004-12-03

FILE REFERENCE: 2804/12-03

PRIOR TELING DATE: 2003-12-03

NUMBER OF SEQ ID NOS: 4043

SOFTWARE: PatentIn version 3.1

SEQ ID NO 1254

LENGTH: 5

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 14; DB 7; Length 5; Pred. No. 6.8e+05; 0; Mismatches 1; Indels
                                                                                                                                                      Score 15; DB 6; Length 5;
Pred. No. 6.8e+05;
2; Mismatches 0; Indels
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Pred. No. 6.8e+05;
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; Sequence 22, Application US/11030300
; GENERAL INFORMATION:
APPLICANT: ORSER, CINDY S.
; APPLICANT: PAN, TAO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     53.8%;
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75.0%;
                                              ORGANISM: Artificial Sequence
                                                                                                                                                           57.78;
                                                                                        ; OTHER INFORMATION: Consensus US-10-395-607A-197
                                                                                                                                    Query Match
Best Local Similarity 50.0
Then 2; Conservative
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Best Local Similarity 75.0
Matches 3; Conservative
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Best Local Similarity 75.0
Matches 3; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; TYPE: PRT
; ORGANISM: SARS-COV Virus
US-11-004-399-1254
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; ORGANISM: Homo sapiens
US-11-030-300-22
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2 MDDF 5
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GENERAL INFORMATION:

APPLICANT: Wright, David A.

APPLICANT: Woytas, Daniel F.

TITLE OF INVENTION: Plant Retroelements and Methods Related

TITLE OF INVENTION: Plant Retroelements and Methods Related

TITLE OF INVENTION: Thereto

FILE REFERENCE: 08411/036001

CURRENT APPLICATION NUMBER: US/01/395,607A

CURRENT FILING DATE: 2003-03-24

PRIOR APPLICATION NUMBER: US 09/586,106

PRIOR PELING DATE: 1999-05-28

PRIOR FILING DATE: 1999-05-29

PRIOR FILING DATE: 1998-05-29

NUMBER OF SEQ ID NOS: 335

SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Biogen idec MA Inc.
APPLICANT: Biogen idec MA Inc.
APPLICANT: Biogen idec MA Inc.
APPLICANT: Brougen idec MA Inc.
APPLICANT: GARBER, Victor E.
APPLICANT: GARBER, Ellen
APPLICANT: SALDANHA, Jose
APPLICANT: SALDANHA, Herman
TITLE OF INVENTION: HUMANIZED ANTIBODIES AGAINST MONOCYTE
TITLE OF INVENTION: CHEMOTACTIC PROTEINS
TITLE OF INVENTION: CHEMOTACTIC PROTEINS
FILE REPERENCE: BGN-010PC
CURRENT PAPLICATION NUMBER: US/10/536,067
CURRENT FILING DATE: 2005-016-24
FRIOR PELICATION NUMBER: 60/430007
NUMBER OF SEQ ID NOS: 69
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                   Query Match 61.5%; Score 16; DB 7; Length 5; Best Local Similarity 100.0%; Pred. No. 6.8e+05; Matches 3; Conservative 0; Mismatches 0; Indels
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66.7%;
PRIOR FILING DATE: 2003-12-03
NUMBER OF SEQ ID NOS: 4043
SOFWWARE: PatentIn version 3.1
SEQ ID NO 1768
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                                                                                                                 ; TYPE: PRT
; ORGANISM: SARS-COV Virus
US-11-004-399-1768
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ORGANISM: Mus musculus
US-10-536-067-13
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Best Local Similarity
Matches 2; Conserv
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                                                                                          LENGTH
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APPLICANT: MARCI, PANTALEONE PAUL
APPLICANT: MASCI, PANTALEONE PAUL
APPLICANT: LAVIN, MARTIN FRANCIS
APPLICANT: CAFFURY, PANTRICK JOSEPHA
APPLICANT: CAFFURY, PANTRICK JOSEPHA
APPLICANT: SCROKINA, NATALYA IGOREVNA
APPLICANT: FILIPPOVICH, IGOR VLADIMIROVICH
TITLE OF INVENTION: PLASMIN INHIBITORS FROM THE AUSTRALIAN BROWN SNAKE
TITLE OF INVENTION: PEASMIN INHIBITORS FROM THE AUSTRALIAN BROWN SNAKE
TITLE OF INVENTION: PEASMIN INHIBITORS FROM THE AUSTRALIAN
FILE REFERENCE: 017227-0193
CURRENT APPLICATION NUMBER: US/09/700,179B
CURRENT APPLICATION NUMBER: PCT/AU99/00343
PRIOR PELLING DATE: 1999-05-07
PRIOR APPLICATION NUMBER: AU PP3450
PRIOR PLING DATE: 1999-05-11
NUMBER OF SEC ID NOS: 70
SOFTWARE: PALENT VET: 3.3
SEC ID NO 69
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic peptide US-09-700-179B-69
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
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                                                                                                                                                                                                             GENERAL INFORMATION:

APPLICANT: BERCHTOLD, Peter
APPLICANT: BERCHTOLD, Peter
TYTILE SECHER, Robert F.A.
TITLE OF INVENTION: Atti-GFIIB/IIIA Recombinant Antibodies
TITLE REPERENCE: 100564-09049
CURRENT APPLICATION NUMBER: US/09/424,840
CURRENT FILING DATE: 1999-12-03
PRIOR PILING DATE: 1997-06-06
PRIOR FILING DATE: 1997-06-06
PRIOR FILING DATE: 1997-06-06
PRIOR PILING DATE: 1997-12-12
PRIOR FILING DATE: 1998-05-08
NUMBER OF SEQ ID NOS: 127
SEQ ID NO 54

***CONTAME: PATENTIN VOIL 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 5;
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Pred. No. 6.8e+05;
1; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; Sequence 69, Application US/09700179B; GENERAL INFORMATION:
                                                                                                                                                                          ; Sequence 54, Application US/09424840; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
ORGANISM: Artificial Sequence
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Best Local Similarity 66.7%
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Matches 2; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3 NFS 5
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US-09-700-179B-69
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                                                                                                                                                                                                                                             APPLICANT: Lam, Kit S.
APPLICANT: Lam, Kit S.
APPLICANT: Lam, Kit S.
APPLICANT: Lam, Kit S.
APPLICANT: Denardo, Sally
APPLICANT: Denardo, Sally
APPLICANT: The Regents of the University of California
TITLE OF INVENTION: On-Demand Cleavable Linkers for Radioconjugates for TITLE OF INVENTION: Cancer Imaging and Therapy
FILE REPERENCE: 02307W-140610PC
CURRENT APPLICATION NUMBER: PCT/US04/39427
CURRENT FILING DATE: 2004-11-23
PRIOR PILING DATE: 2003-11-24
NUMBER OF SEQ ID NOS: 57
SOFTWARE: Patentin Ver: 2.1
SEQ ID NO 19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Description of Artificial Sequence:pentapeptide; OTHER INFORMATION: tissue-type plasminogen activator (t-PA) substrate PCT-USO4-39427-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ) OTHER INFORMATION: Description of Artificial Sequence:pentapeptide ) OTHER INFORMATION: tissue-type plasminogen activator (t-PA) substrate PCT-USO4-39427-21
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APPLICANT: DeNardo, Sally
APPLICANT: Denardo, Garally
APPLICANT: Denardo, Garally
APPLICANT: Denardo, Garally
APPLICANT: The Regents of the University of California
TITLE OF INVENTION: On-Demand Cleavable Linkers for Radioco;
CURRENT APPLICATION NUMBER: PCT/US04/39427
CURRENT FILING DATE: 2004-11-23
FRIOR FILING DATE: 2003-11-24
NUMBER OF SEQ ID NOS: 57
SOFTWARE: PATCHIN Ver. 2.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 13; DB 1; Length 5; Pred. No. 6.8e+05; 1; Mismatches 0; Indels
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                                                                                                                                                                                                  Sequence 19, Application PC/TUS0439427 GENERAL INFORMATION:
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Best Local Similarity 66.7%;
Matches 2; Conservative
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT ORGANISM: Artificial Sequence
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LENGTH: 5
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| APPLICANT: MICKUE, Travis
| APPLICANT: KRISHNAN, Suma
| APPLICANT: KRISHNAN, Suma
| APPLICANT: LAUDERBACK, Christal
| APPLICANT: MILLER, Christal
| APPLICANT: MILLER, Christal
| APPLICANT: MILLER, Christal
| APPLICANT: MONCRIEF, James Scott
| APPLICANT: MONCRIEF, James Scott
| APPLICANT: MONCRIEF, James Scott
| APPLICANT: MONCRIEF, James Resistant Hydrocodone Compounds
| TITLE OF INVENTION: Abuse Resistant Hydrocodone Compounds
| FILE REFERENCE: 5719, 000151
| CURRENT APPLICATION NUMBER: 60/358,368
| PRIOR FILING DATE: 2002-09-30
| PRIOR PILING DATE: 2002-03-07
| PRIOR PILING DATE: 2002-03-07
| PRIOR PILING DATE: 2003-09-30
| PRIOR PILING DATE: 2003-09-30
| PRIOR PILING DATE: 2003-09-30
| PRIOR PILING DATE: 2004-05-05
                                                                      Goldberg, Robert B.
TITLE OF INVENTION: Nucleic Acids That Control Seed and Fruit Development in Plants
                                                                                                                                                                                                                                                                                                                             ZIP: 94111-3834

COMPUTER READABLE PORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARRE: PATEMETIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,838A
                                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REGISTRATION NUMBER: 34,774
REFERENCE/DOCKET NUMBER: 023070-086100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFRAX: (415) 576-0300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        50.0%; Score 13; DB 5; I
66.7%; Pred. No. 6.8e+05;
tive 1; Mismatches 0;
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MOLECULE TYPE: peptide

SEQUENCE DESCRIPTION: SEQ ID NO: 116:
US-09-071-838A-116
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 01-May-1998
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-10-953-116-16
; Sequence 16, Application US/10953116
; GENERAL INFORMATION:
Yadegari, Ramin
Margossian, Linda
Harada, John
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: Bastian, Kevin L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO: 116:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
                                                                                                                                                     NUMBER OF SEQUENCES: 324
                                                                                                                                                                                                                                                   CITY: San Francisco
STATE: California
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 50.0
Best Local Similarity 66.7
Matches 2; Conservative
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GENERAL INFORMATION:
APPLICANT: Badley, Robert
APPLICANT: Badley, Rark
APPLICANT: Berry, Mark
APPLICANT: Williams, Samantha
TITLE OF INVENTION: Peptides Capable of Functioning as Mimotopes for Hormonal
TITLE OF INVENTION: Palaytes
FILE REFERENCE: IMIN. P-034
CURRENT APPLICATION NUMBER: US/09/920,306B
CURRENT FILING DATE: 2001-08-02
NUMBER OF SEQ ID NOS: 80
SOFTWARE: Patentin version 3.3
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                                                                                                                                           APPLICANT: ESCHER, Robert F.A.
APPLICANT: ESCHER, Robert F.A.
TITILE OF INVENTION: Anti-GPITB/IIIA Recombinant Antibodies
TITILE OF INVENTION: Anti-GPITB/IIIA Recombinant Antibodies
FILE REPERENCE: 100564-09049
CURRENT APPLICATION NUMBER: US/09/424,840
CURRENT FILING DATE: 1999-12-03
PRIOR APPLICATION NUMBER: DE 19723904.8
PRIOR APPLICATION NUMBER: DE 19723904.8
PRIOR PILING DATE: 1997-06-06
PRIOR PILING DATE: 1997-12-12
PRIOR PLING DATE: 1997-12-12
PRIOR PLING DATE: 1998-05-08
NUMBER OF SEQ ID NOS: 127
SOGTWARE: Patentin Ver. 2.1
SEQ ID NO 54
LENGTH: 5
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Pred. No. 6.8e+05;
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US-09-071-838A-116
; Sequence 116, Application US/09071838A
; GENERAL IMFORMATION:
; APPLICANT: Fischer, Robert L.
; APPLICANT: Kityosue, Tomohiro
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ) OTHER INFORMATION: synthetic peptide US-09-920-306B-43
                                                                                                   Sequence 54, Application US/09424840 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               50.0%;
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Best Local Similarity 66.77
2, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; TYPE: PRT; ORGANISM: Homo sapiens
US-09-424-840-54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3 NFS 5
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Length 5; 0; Indels

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Sequence 21, Application US/10953119

GENERAL INFORMATION:

APPLICANT: RRISHAN, Suma

APPLICANT: RRISHAN, Suma

APPLICANT: RRISHAN, Suma

APPLICANT: MONCRIEF, James Scott

APPLICANT: LAUDERBACK, Christopher

APPLICANT: MILER, Christal

TILE OF INVENTION: Pharmaceutical Compositions for Prevention of Overdose

FILE REFERENCE: 54719.000107

CURRENT FILING DATE: 2004-09-30

PRIOR FILING DATE: 2004-09-30

PRIOR PLICATION NUMBER: 60/567,800

PRIOR PLICATION NUMBER: 60/567,800

PRIOR PLICATION NUMBER: 60/567,800

PRIOR PLILING DATE: 2004-05-05

PRIOR PLILING DATE: 2004-05-05

PRIOR PLILING DATE: 2004-05-05

PRIOR PLING DATE: 2004-05-05

PRIOR PLING DATE: 2004-05-05

SOFTWARE: PatentIn version 3.2

SOFTWARE: PatentIn version 3.2
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PRIOR FILING DATE: 2004-05-05
PRIOR APPLICATION NUMBER: 10/156,527
PRIOR FILING DATE: 2002-05-29
PRIOR FILING DATE: 2003-02-24
PRIOR FILING DATE: 2003-02-24/US03/05525
PRIOR FILING DATE: 2004-08-23
NUMBER OF SEQ ID NOS: 21
SOFTWARE: Patentin version 3.2
LENGTH: 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Search completed: September 10, 2005, 01:25:57 Job time : 75 secs
                                                                                                                                                                                                                                                                                                           FEATURE:
; OTHER INFORMATION: synthetic carrier
US-10-953-116-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: Synthetic carrier US-10-953-119-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT ORGANISM: artificial sequence
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1 DDF 3
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1 DDF 3
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US-10-953-119-21
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T-cell receptor be

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C;Species: Mus musculus (Nouse mouse)
C;Species: Mus musculus (Nouse mouse)
C;Date: 17-Jul-1992 #sequence_revision 17-Jul-1992 #text_change 30-May-1997
C;Accession: PT0624
J; Exp. Med. 174, 115-124, 1991
A;Title: Junctional sequences of fetal T cell receptor beta chains have few N regions. A;Reference number: PT0509; MUID:91277601; PMID:1711558
                                                                                                                                                                                                                                                                                                                                                                                               receptor beta chain V-D-J region (120-1K) - mouse (fragment)
                                                                                                                                                                                                                                                                                                       50.0%; Score 13; DB 2; Length 5; 50.0%; Pred. No. 2.8e+05; ive 2; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               A;Molecule type: mRNA
A;Residues: 1-5 «FBE»
A;Experimental source: newborn thymus, strain BALB/c
C;Keywords: T-cell receptor
                                                                                                                                                ALIGNMENTS
                                                                                                                                                                                                                                                               A; Molecule type: DNA
A; Residues: 1-5 < XYAM>
A; Experimental source: B lymphocyte
C; Keywords: heterotetramer; immunoglobulin
PT0596
PT0513
PT06729
PT0660
PT0665
PT0651
PT0699
PT0699
PT0699
PT0699
PT0699
PT0699
PT0690
PT0690
 A;Status: translation not shown
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Best Local Similarity 50.0
Matches 2; Conservative
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Best Local Similarity
Matches 2; Conserv
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T-cell receptor be
fultiin - giant Af
T-cell receptor be
T-cell receptor be
mitosis inhibiting
alkanal monooxygen
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hypoxanthine phosp
Leu-enkephalin - b
Met-enkephalin - b
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cholecystokinin-5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                major protein anti
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                                                   9; Search time 38 Seconds (without alignments) 12.660 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                Description
                                                                                                                                                                                                                                                                                                                                                                        T-cell
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       GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
                                                                                                                                                            Total number of hits satisfying chosen parameters:
                                                                                                                                              283416 segs, 96216763 residues
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                                                      September 10, 2005, 01:05:19
                                      sw model
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A58728
B31836
A32516
S70615
PT0644
D60274
PT0600
PT0600
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A44955
B60274
PQ0689
S51077
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B45525
A37114
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A61445
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JH0253
PT0267
PT0278
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PT0308
S62883
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Gapop 10.0 , Gapext 0.5
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Maximum Match 100%
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                                      OM protein - protein search, using
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26
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Match Length
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1: pir1:*
2: pir2:*
3: pir3:*
4: pir4:*
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length: 5
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C;Species: Streptomyces sp.
A;Variety: Chainia sp. NCL 82.5.1
C;Date: 19-Mar-1998 #sequence_revision 17-Apr-1998 #text_change 07-May-1999
C;Accession: 870615
R;Rao, M.; Khadilkar, S.; Bandivadekar, K.R.; Deshpande, V.
Biochem. J. 316, 771-775, 1996
A;Title: Structural environment of an essential cysteine residue of xylanase from Chain: A;Reference number: 870615; MUID:96265041; PMID:8670151
A;Accession: 870615
                                                                                                                                                                                                                                                                                                                                            endo-1,4-beta-xylanase (EC 3.2.1.8) - Streptomyces sp. (Chainia sp. NCL 82.5.1) (fragme)
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A,Title: Junctional sequences of fetal T cell receptor beta chains have few N regions.
A,Reference number: PT0509; MUID:91277601; PMID:1711558
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C;Species: Mycobacterium tuberculosis
C;Species: Mycobacterium tuberculosis
C;Date: 11-Dec-1992 #sequence_revision 11-Dec-1992 #text_change 30-Sep-1993
C;Accession: D60274
R;Nagai, S.; Wiker, H.G.; Harboe, M.; Kinomoto, M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          T-cell receptor beta chain V-D-J region (111-1G) - mouse (fragment) C; Species: Mus musculus (house mouse) C; Decies: Mus musculus (house mouse) C; Deter: 17-Jul-1992 #sequence_revision 17-Jul-1992 #text_change 09-Jul-2004 C; Accession: PT0644 R; Peeney, A.J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         A; Description: endohydrolyzation of beta-1,4-xylosidic linkages in xylans A; Pathway: fermentation of hemicellulose into ethanol C; Keywords: glycosidase; hydrolase
                                   Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 5;
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Pred. No. 2.8e+05;
1; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    h 30.8%; Score 8; DB 2; Le Similarity 33.3%; Pred. No. 2.8e+05; 1; Conservative 1; Mismatches 1;
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A,Experimental source: newborn thymus, strain BALB/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                A; Experimental source: Chainia sp. strain NCL 82.5.1 A; Note: the source is designated as Chainia sp.
Similarity 50.0%;
1; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    A; Accession: PT0644
A; Status: translation not shown
A; Molecule type: mRNA
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                                                                                                                                                                                                                                                                                                                                                                                          N;Alternate names: xylanase
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               A; Molecule type: protein A; Residues: 1-5 < RAO>
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       Best Local
Matches
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                                Serrawettin W2 - Serratia marcescens
C;Species: Serratia marcescens
C;Species: Serratia marcescens
C;Date: 10-Feb-1998 #sequence_revision 12-Feb-1998 #text_change 12-Feb-1998
C;Date: 10-Feb-1998 #sequence_revision 12-Feb-1998 #text_change 12-Feb-1998
C;Accession: A58728
R;Matsuyama, T.; Kaneda, K.; Nakagawa, Y.; Isa, K.; Hara-Hotta, H.; Yano, I.
J. Bacteriol. 174, 1769-1776, 1992
A;Ritle: A novel extracellular cyclic lipopeptide which promotes flagellum-dependent and A;Reference number: A58728, MUID:92193260; PMID:1548227
A;Reference number: A58728
A;Status: unencoded polypeptide
A;Molecule type: protein
A;Residues: 1-5 < MATA
A;Experimental source: strain NS 25
C;Comment: A surfactant lipopeptide promoting flagellum-independent surface translocatic C;Keywords: blocked amino end; blocked carboxyl end; D-amino acid; lipoprotein; unencode F;1/Modified site: D-leucine (Leu) #status experimental
F;4/Modified site: D-phenylalanine (Phe) #status experimental
F;4/Modified site: D-phenylalanine (Phe) #status experimental
F;1-5/Cross-link: 3-hydroxydecanoyl amino end, ester carboxyl end (Leu-Ile) #status experimental
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A,Alcceule type: protein
A,Molecule type: protein
A,Residues: 1-5 <SH:>
C;Comment: This peptide corresponds to the five carboxyl-terminal residues of cholecystc C;Superfamally: gastrin
C;Superfamally: gastrin
C;Keywords: amidated carboxyl end; neuropeptide
F;5/Modified site: amidated carboxyl end (Phe) #status experimental
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              C.Species: Richettsia rickettsi.
C.Species: Richartsia rickettsi.
C.Date: 31-Mar-1990 #sequence_revision 31-Mar-1990 #text_change 28-May-1999
C.Date: 31-Mar-1990 #sequence_revision 31-Mar-1990 #text_change 28-May-1999
C.Datesion: B1836
R.Anderson, B.E.; Baumstark, B.R.; Bellini, W.J.
J. Bacteriol. 170, 4493-4500, 1988
A.Title: Expression of the gene encoding the 17-kilodalton antigen from Rickettsia ricke
A.Reference number: A91885; MUID:89008059; PMID:3139629
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R;Shively, J; Reeve Jr., JR.; Bysselein, V.E.; Ben-Avram, C.; Vigna, S.R.; Walsh, J.H. Am J. Physiol. 252, G27-G275; 1987
A;Title: CCK-5: sequence analysis of a small cholecystokinin from canine brain and intes A;Reference number: A32516; MUID:87153871; PMID:3826354
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C:Species: Canis lupus familiaris (dog)
C:Date: 18-Oct-1989 #sequence_revision 18-Oct-1989 #text_change 18-Aug-2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
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A;Residues: 1-5 <AND>
A;Cross-references: GB:J03371; NID:g152455; PIDN:AAD15030.1; PID:g4262874
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Best Local Similarity 50.v.
2, Conservative
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T-cell receptor beta chain V-D-J region (120-1C) - mouse (fragment)
C;Species: Mus musculus (house mouse)
C;Species: 17-Jul-1992 #sequence_revision 17-Jul-1992 #text_change 09-Jul-2004
C;Accession: P70600
R;Feeney, A.J.
T;Eeney, A.J.
A;Title: Junctional sequences of fetal T cell receptor beta chains have few N regions.
A;Reference number: P70509; MUID:91277601; PMID:1711558
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A;Title: Junctional sequences of fetal T cell receptor beta chains have few N regions.
A;Reference number: PT0509; MUID:91277601; PMID:1711558
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                T-cell receptor beta chain V-D-J region (120-2K) - mouse (fragment)
C;Species: Mus musculus (house mouse)
C;Date: 17-Jul-1992 #sequence revision 17-Jul-1992 #text_change 09-Jul-2004
C;Accession: PT0601; PT0617; PT0694
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C;Date: 19-Nov-1988 #sequence_revision 18-Aug-2000 #text_change 18-Aug-2000
C;Accession: A26830
R;Reichelt, K.; Elgjo, K.; Edminson, P.D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    A;Molecule type: mRNA
A;Residues: 1-5 <FEE>
A;Cross-references: UNIPROT:Q64512
A;Experimental source: newborn thymus, strain BALB/c, clone 120-2K
A;Accession: PT0617
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A; Accession: PT0694
A; Status: translation not shown
A; Molecule type: DNA
A; Residues: 1-5 < FE2>
A; Experimental source: day 18 fetal thymus, strain BALB/c, 154-1H
C; Keywords: T-cell receptor
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                                                                                                                                                                                                                                                                                                                                    A;Status: translation not shown
A;Molecule type: mRNA
A;Residues: 1-5 <FEES
A;Cross-references: UNIPROT:Q9D4H2; UNIPROT:Q8BGT7
A;Experimental source: newborn thymus, strain BALB/c
C;Keywords: T-cell receptor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       26.9%; Score 7; DB 2; L. 50.0%; Pred. No. 2.8e+05;
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Pred. No.
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Best Local Similarity
Matches 1; Conserv
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Matches 1; Conserv
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PT0601
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C;Species: Achatina fulica (giant African snail)
C;Species: Achatina fulica (giant African snail)
C;Species: Achatina fulica (giant African snail)
C;Accession: A44692
B;Ohta, N.; Kubota, I.; Takao, T.; Shimonishi, Y.; Yasuda-Kamatani, Y.; Minakata, H.; No Biochen. Biophys. Res. Commun. 178, 486-493, 1991
A;Title: Fulicin, a novel neuropeptide containing a D-amino acid residue isolated from the A;Reference number: A44692; MUD:91315471; PMID:1859408
A;Accession: A44692
A;Molecule type: protein
A;Residues: 1-5 < OHT>
Infect. Immun. 59, 372-382, 1991
A;Title: Isolation and partial characterization of major protein antigens in the culture
A;Reference number: A60274; MUID:91099989; PMID:1898899
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          J. Exp. Med. 174, 115-124, 1991

A.Title: Junctional sequences of fetal T cell receptor beta chains have few N regions.

A.Reference number: PT0509; MUD:91277601; PMID:1711558

A.Status: translation not shown
A.Molecule type: DNA
A.Residues: 1-5 <FEE>
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C,Date: 17-Jul-1992 #sequence_revision 17-Jul-1992 #text_change 30-May-1997
C,Accession: PT0679; PT0708
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C;Keywords: amidated carboxyl end; D-amino acid; neuropeptide
F;2/Modified site: D-asparagine (Asn) #status experimental
F;5/Modified site: amidated carboxyl end (Val) #status experimental
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   A; Experimental source: day 18 fetal thymus, strain BALB/c, 154-2J A; Accession: PT0708
A; Accession: pr0708
A; Accession: translation not shown
A; Molecule type: DNA
A; Residues: 1-5 < FRED.
A; Experimental source: newborn thymus, strain BALB/c, 161-2B
C; Keywords: T-cell receptor
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Pred. No. 2.88+05;
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                                                                                                                                                                                                                                                         1; Mismatches
                                                                                                                                                                                                      h 26.9%;
Similarity 50.0%;
1; Conservative
                                                                                                   A;Status: preliminary
A;Molecule type: protein
A;Residues: 1-5 <NAG>
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Best Local Similarity
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First Stagnatte, 0.; Tu, S.C.
Photochem. Photobiol. 50, 817-825, 1989
Photochem. Photobiol. 50, 817-825, 1989
A;Title: Chemical modification and characterization of the alpha cysteine 106 at the Vib A;Tetle: Chemical modification and characterization of the alpha cysteine 106 at the Vib A;Reference number: A44955; MUID:90175700; PMID:2626493
A;Reference number: D44955
A;Redion: A;Rejocule type: protein
A;Residues: 1-5 cPAQ>
C;Keywords: FMN; luminescence; monooxygenase; oxidoreductase
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R;Nagai, S.; Wiker, H.G.; Harboe, M.; Kinomoto, M.
Infect. Immun. 59, 372-382, 1991
A;Title: Icolation and partial characterization of major protein antigens in the culture A;Reference number: A60274; MUID:91099989; PMID:1898899
A;Accession: B60274
A;Accession: preliminary
A;Residues: preliminary
A;Residues: 1-5 <NAG>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          alkanal monooxygenase (FMN-linked) (EC 1.14.14.3) alpha chain - Vibrio harveyi (fragmenț
Biochem. Biophys. Res. Commun. 146, 1493-1501, 1987
A;Title: Isolation and structure of an epidermal mitosis inhibiting pentapeptide.
A;Reference number: A26830; MUID:87298602; PMID:3619940
A;Accession: A26830
A;Molecule type: protein
A;Residues: 1-5 < REI>
C;Superfamily: unassigned animal peptides
C;Superfamily: unassigned animal peptides
C;Keywords: blocked animo end; pyroglutamic acid
F;1/Modified site: pyrrolidone carboxylic acid (Gln) #status experimental
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C,Date: 11-Dec-1992 #sequence_revision 11-Dec-1992 #text_change 30-Sep-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                C;Species: Vibrio harveyi
C;Date: 03-Jun-1993 #sequence_revision 03-Jun-1993 #text_change 26-May-2000
C;Accession: A44955
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100.0%; Pred. No. 2.8e+05;
iive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                       26.9%; Score 7; DB 2; Length 5; 50.0%; Pred. No. 2.8e+05; tive 1; Mismatches 0; Indels
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Best Local Similarity 100.0
Matches 1; Conservative
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Best Local Similarity 100.0
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Matches 1; Conservative
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3 DS 4
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TISSUE-Skin secretion, Steinborner S.T., Waugh R.J., Bowie J.H., Gao C., Steinborner S.T., Wabnitz P.A., Waugh R.J., Bowie J.H., Gao C., Tryler M.J., Wallece J.C., "The structure of new peptides from the Australin red tree frog Litoria rubella'. The skin peptide profile as a probe for the study of evolutionary trends of amphibians."; Aust. J. Chem. 49:555-961(1996).
-1- FUNCTION: Shows neither neuropeptide activity nor antibiotic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           "The structure of new peptides from the Australin red tree frog
'Litoria rubella'. The skin peptide profile as a probe for the study
of evolutionary trends of amphibians.";
Aust. J. Chem. 49:355-961(1996).
                                           REIL LITRU STANDARD, PRT; 5 AA.
P82070;
28-P82070;
28-P82-2003 (Rel. 41, Last sequence update)
28-P82-2004 (Rel. 44, Last annotation update)
05-UUL-2004 (Rel. 44, Last annotation update)
Litoria rubellain 1.1.
Litoria rubellain (Desert tree frog).
Litoria rubellain (Desert Nordata; Craniata; Vertebrata; Buteleostomi; Ambribia; Batrachia; Anura; Neobatrachia; Hyloidea; Hylidae;
Pelodryadinae; Litoria.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Litoria rubella (Desert tree frog).
Bukaryota; Melazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Amphibia; Batrachia; Anura; Neobatrachia; Hyloidea; Hylidae;
Pelodryadinae; Litoria.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          -!- SUBCELLUIAR LOCATION: Secreted.
-!- TISSUB SPECIFICITY: Expressed by the skin dorsal glands.
-!- MASS SPECIFICITY: Expressed by the skin dorsal glands.
--- MASS SPECIFICITY: DARBERS BETHOD-FAB; RANGE=1-5; NOTE=Ref.1.
Amphibian defense peptide; Direct protein sequencing.
SEQUENCE 5 AA; 598 MW; 6DD9C9CAB2A00000 CRC64;
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-!- TISSUE SPECIFICITY: Expressed by the skin dorsal glands.
-!- MASS SPECIFORITY: Mw=626, METHOD=FAB; RANGE=1-5; NOTE=Ref.1.
Amphibian defense peptide; Direct protein sequencing.
SEQUENCE 5 AA; 626 MW; 6DD9C9CB10300000 CRC64;
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Steinborner S.T., Wabnitz P.A., Waugh R.J., Bowie J.H., Gao C.,
Tyler M.J., Wallace J.C.;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           42.3%; Score 11; DB 1; Length 5;
40.0%; Pred. No. 1.6e+06;
ive 2; Mismatches 1; Indels
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                                                                                                                                                                                                                                                                                                                                                SEQUENCE, AND MASS SPECTROMETRY.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE, AND MASS SPECTROMETRY.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  28-FEB-2003 (Rel. 41, Created)
28-FEB-2003 (Rel. 41, Last seq
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RE21_LITRU
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5.1.6
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GenCore version
Copyright (c) 1993 - 2005
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1: uniprot_sprot:*
2: uniprot_trembl:*
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Maximum Match 100%
                                                                                                - protein search, using
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26
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P13071;
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SEQUENCE
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BIOA_CITFR
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Steinborner S.T., Wabnitz P.A., Waugh R.J., Bowie J.H., Gao C.,
Tyler M.J., Wallace J.C.;
Tyler M.J., Wallace J.C.;
Tyler M.J., Wallace J.C.;
Litoria rubella'. The skin peptide profile as a probe for the study of evolutionary trends of amphibians.";
Aust. J. Chem. 49:955-963 (1996).
-1- FUNCTION: Shows neither neuropeptide activity nor antibiotic
                                                                                                                                                                                                                                                                                                                                                                                               Gaps
                                                                                                                                                                                                                                                                                     activity.

--- SUBCELLULAR LOCATION: Secreted.

--- SUBCELLULAR LOCATION: Secreted.

--- TISSUE SPECIFICITY: Expressed by the skin dorsal glands.

--- TISSUE SPECIFICITY: MW=655; METHOD=RAB; RANGE=1-5; NOTE=Ref.1.

--- MAGALION: Amphibian defense peptide; Direct protein sequencing.

MOD RES.

--- SEQUENCE 5 AA; 656 MW; 71A9C9CB10300000 CRC64;
                                                                                                                        Rubellidin 3.1.

Rubellidin 3.1.

Litoria rubella (Desert tree frog).

Lukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,

Amphibia, Batrachia, Amura, Neobatrachia, Hyloidea, Hylidae;

Pelodryadinae, Litoria.
                                                                                                                                                                                                                                                                                                                                                                                               ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Duve H., Johnsen A.H., Maestro J.-L., Scott A.G., Jaros P.P.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Carcinus maenas (Common shore crab) (Green crab).

Eukarjota, Metazoa, Arthropoda, Crustacea, Malacostraca,

Eumalacostraca; Eucarida, Decapoda, Pleocyemata, Brachyura,

Eubrachyura, Portunoidea, Portunidae, Carcinus.
                                                                                                                                                                                                                                                                                                                                                                                              1; Indels
                                                                                                                                                                                                                                                                                                                                                                       Score 8; DB 1; Length 5; Pred. No. 1.6e+06; 3; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TISSUE-Cerebral ganglion, and Thoracic ganglion; MEDLINE-98121193; PubMed-9461295;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           30-MAY-2000 (Rel. 39, Created)
30-MAY-2000 (Rel. 39, Last sequence update)
05-JUL-2004 (Rel. 44, Last annotation update)
                                                                                           28-FEB-2003 (Rel. 41, Created)
28-FEB-2003 (Rel. 41, Last sequence update)
05-JUL-2004 (Rel. 44, Last annotation update)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         5 AA.
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20.0%;
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Best Local Similarity
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This SWISS-PROT entry is copyright. It is produced through a collaboration between the Swiss Institute of Bioinformatics and the EMBL outstation the Buropean Bioinformatics Institute. There are no restrictions on its use by non-profit institutions as long as its content is in no way modified and this statement is not removed. Usage by and for commercial entities requires a license agreement (See http://www.isb-sib.ch/announce/
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE FROM N.A.

MEDLINE=89006280; PubMed=2971595; DOI=10.1016/0378-1119(88)90397-6; Shiuan D., Campbell A.; Espidantion and gene arrangement of Escherichia coli, Citrobacter freundii and Salmonella typhimurium biotin operons."; Gene 67:2012.11(1988).

-i- CATALYTIC A.TIVITY: S-adenosyl-L-methionine + 8-amino-7-oxononanoate = S-adenosyl-4-methylthio-2-oxobutanoate + 7,8-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales;
Enterobacteriaceae; Citrobacter.
NCBI_TaxID=546;
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PROSITE; PS00600; AA TRANSFER CLASS 3; PARTIAL.
Aminotransferase; Biotin biosynthesis; Pyridoxal phosphate;
                                                                                                                                                                                                                                                                                                                                                 01-JAN-1990 (Rel. 13, Created)
01-JAN-1990 (Rel. 13, Last sequence update)
05-JUL-2004 (Rel. 44, Last annotation update)
Adenosylmethionine-8-amino-7-oxononanoate aminotransferase
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  Length 5;
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  DB 1; Le
1.6e+06;
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Score 7; DB 1.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               EMBL; M21922; -; NOT_ANNOTATED_CDS.
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PATHWAY: Biotin biosynthesis.
SUBUNIT: Homodimer.
  26.9%;
50.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  aminotransferase) (Fragment)
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SEQUENCE

Query Match

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Pallini V.;
Submitted (SEP-1994) to Swiss-Prot.
-!- MISCELLANEOUS: On the 2D-gel the determined pI of this unknown
protein is: 4.5, its MW is: 28 kDa.
Siena-2DPAGE; P38005; -
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Wabnitz P.A., Bowie J.H., Tyler M.J., Wallace J.C., Peptides from the skin glands of the Australian buzzing tree frog Litori electrica. Comparison with the skin peptides from Litoria rubella.",
                                                                                                                                                                                                                                                                                                                                         Bini L., Santucci A., Magi B., Marzocchi B., Sanchez-Campillo M., Comanducci M., Christianen G., Birkelund S., Vtretou E., Ratti G.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Litoria rubella (Desert tree frog).

Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi, Amphibia, Batrachia, Anura; Neobatrachia, Hyloidea, Hylidae; Pelodryadinae, Litoria.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Aust. J. Chem. 52:639-645(1999).
-1- SUBCELLULIAR LOCATION: Secreted.
-1- TISSUB SPECIFICITY: Skin.
Amidation; Amphibian defense peptide; Direct protein sequencing.
                                                                                                                    01-OCT-1994 (Rel. 30, Created)
01-OCT-1994 (Rel. 30, Last sequence update)
05-JUL-2004 (Rel. 44, Last annotation update)
Unknown protein from 2D-PAGE from elementary body (Fragment).
Chlamydia trachomatis.
Bacteria; Chlamydiae; Chlamydiales; Chlamydia.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DB 1; Length 5; 1.6e+06; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 26.9%; Score 7; DB 1; Length 5; 50.0%; Pred. No. 1.6e+06; ive 1; Mismatches 0; Indele
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           5 AA; 474 MW; 75BAA865AA800000 CRC64;
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28-FEB-2003 (Rel. 41, Last sequence update)
05-JUL-2004 (Rel. 44, Last annotation update)
                                                                                                       S AA.
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1; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Direct protein sequencing.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1; Conservative
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                                                                                                       STANDARD;
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                                                                                                                                                                                                                                                                                                                      STRAIN=L2/434/Bu;
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P38005;
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ID _EIO3_L1
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-!- SUBUNIT: Homodimer (By similarity).
-!- SIMILARITY: Belongs to the triosephosphate isomerase family.
HSC-2DPAGE; P54714; DOG.
InterPro; IPR000652; Triophos ismrse.
PROSITE; P80117; TIM; PARITAL.
Direct protein sequencing; Patty acid biosynthesis; Gluconeogenesis; Glycolysis; Isomerase; Pentose shunt.
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                                                                                                                                                                                                Wabnitz P.A., Bowie J.H., Tyler M.J., Wallace J.C., "Peptides from the skin glands of the Australian buzzing tree frog Litori electrica. Comparison with the skin peptides from Litoria
05-JUL-2004 (Rel. 44, Last annotation update)
Rubellidin 3.2.
Litoria rubella (Desert tree frog).
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Amphibia; Batrachia; Anura; Neobatrachia; Hyloidea; Hylidae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Carnivora, Fissipedia, Canidae, Canis.
NCBI_TaxID=9615;
                                                                                                                                                                                                                                                          rubella.";
Aust. J. Chem. 52:639-645(1999).
-!- FUNCTION: Shows neither neuropeptide activity nor antibiotic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          dog heart proteins.";
Electrophoresis 18:2795-2802(1997).
-!- CATALYTIC ACTIVITY: D-glyceraldehyde 3-phosphate = glycerone
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01-OCT-1996 (Rel. 34, Last sequence update)
25-OCT-2094 (Rel. 45, Last annotation update)
Iriosephosphate isomerase (EC 5.3.1.1) (TIM) (Triose-phosphate
                                                                                                                                                                                                                                                                                                                                       -!- SUBCELLULAR LOCATION: Secreted.
-!- TISSUE SPECIFICITY: Expressed by the skin dorsal glands.
Amphibian defense peptide; Direct protein sequencing.
SEQUENCE 5 AA; 570 MW; 71A9C9C862A00000 CRC64;
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MEDLINE=98163340; PubMed=9504812;
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                                                                                                 Pelodryadinae; Litoria.
NCBI_TaxID=104895;
                                                                                                                                                                                  TISSUE=Skin secretion;
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les 1; Conserv
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Matches 1; Conserv
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TPIS_CANFA RESULT 7

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Query Match

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05-JUL-2004 (Rel. 44, Created)
05-JUL-2004 (Rel. 44, Last sequence update)
05-JUL-2004 (Rel. 44, Last annotation update)
PMRFamide-like neuropeptide (LPLRF-amide).
Gallus gallus (Chicken).
Ebukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Archosauria; Aves; Neognathae; Galliformes; Phasianidae; Phasianinae;
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Best Local Similarity 100.
Matches 1; Conservative
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                                                                                                                                                                                                                                                       NCBI_TaxID=9031;
                                                                                                                                                                                                                                                                                                                                                     TISSUE=Brain;
PubMed=6137771;
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AC P81826
DT 25-OCT-2004
DT 25-OCT-2004
DE Major Pollen
CS Juniperus vi
CC Spermatophyr
CC NCBI_TAXID=3
RN [1]
RN [1]
RPA MIGORO-HORIUR
RY MEDLINE-2131
RA MIGORO-HORIUR
RY GASTERN FG
RY GASTERN FG
CC PATIENCEN
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ID PAP2_PARMA
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FMRPamide-like neuropeptide RYIRF-amide.
Artioposthia triangulata (New Zealand flatworm).
Bukaryota; Metazoa; Platyhelminthes; Turbellaria; Seriata; Tricladida;
Terricola; Geoplanidae; Arthurdendyus.
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MEDLINE=94211927; PubMed=7909164; DOI=10.1016/0167-0115(94)90189-9;
MAULE A.G., Shaw C., Halton D.W., Curry W.J., Thim L.;
RAULE A.G. a turbellarian FMRFamide-related peptide (FARP).";
Regul. Pept. S0.37-43(1994).
-1- SIMILARITY: Belongs to the FARP (FMRFamide related peptide)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TISSUE-Skin secretion;
whathiz P.A., Bowie J.H., Tyler M.J., Wallace J.C.;
"Peptide From the Showin glands of the Australian buzzing tree frog
Litori electrica. Comparison with the skin peptides from Litoria
                                                                                                                                                                                                            Litoria rubella (Desert tree frog).
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Ambibia; Batrachia; Anura; Neobatrachia; Hyloidea; Hylidae; Pelodryadinae; Litoria.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Aust. J. Chem. 52:639-645(1999).
Aust. J. Chem. 52:639-645(1999).
-1- SUBCELLULAR LOCATION: Secreted.
-1- TISSUE SPECIFICITY: Skin.
Amidation; Amphibian defense peptide; Direct protein sequencing.
MOD RES 5 Histidine amide.
SEQÜENCE 5 AA; 616 MW; 61F2D1A059A00000 CRC64;
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MOD RES 5 5 Phenylalanine amide.

SEQUENCE 5 AA; 754 MW; 69D4004B44600000 CRC64;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                (Rel. 32, Created)
(Rel. 32, Last sequence update)
(Rel. 44, Last annotation update)
      RESULT 10
E104_LITRU STANDARD; PRT; 5 AA.
AC P82100;
DT 28-FEBS-2003 (Rel. 41, Created)
DT 28-FEB-2003 (Rel. 41, Last sequence update)
DT 05-JUL-2004 (Rel. 44, Last annotation update)
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MEDLINE-21315424; PubMed=11422137;
Midoro-Horiuti T., Goldblum R.M., Brooks B.G.;
Midoro-Horiuti T., Goldblum R.M., Brooks B.G.;
Indentification of mutations in the genes for the pollen allergens of eastern red cedar (Juniperus virginiana).";
Clin. Exp. Allergy 31.771-778 (2001).
I- ALLERGEN: Causes an allergic reaction in human. Binds to IgE of patients who are allergic to J.ashei.
Allergen; Direct protein sequencing.
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Dockray G.J., Reeve J.R. Jr., Shively J., Gayton R.J., Barnard C.S., "A novel active pentapeptide from chicken brain identified by antibodies to FMRFamide.";
Nature 305:328-330(1983).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
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25-0CT-2004 (Rel. 45, Last sequence update)
25-0CT-2004 (Rel. 45, Last annotation update)
Major pollen allergen Jun v 4 (Fragment).
Muiperus virginiana (Bastern red cedar).
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Coniferopsida; Coniferales; Cupressaceae; Juniperus.
                                                                                                                        -!- FUNCTION: May function as a neurotransmitter or modulator.
-!- SUBCELLULAR LOCATION: Secreted.
-!- SIMILARITY: Belongs to the FARP (FMRFamide related peptide)
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GO: 0007218; P:neuropeptide signaling pathway; TA
Amidation; Direct protein sequencing; Neuropeptide.

MOD RES 5 Phenylalanine amide.

SEQUENCE 5 AA; 645 MW; 69D4073767400000 CRC64;
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Search completed: September 10, 2005, 01:14:56 Job time : 168 8ecs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Wicker C., Wicker C.;
"Isolation and structure of a peptide isolated from the suboesophageal
ganglion of Acheta domesticus (orthoptera).";
Comp. Biochem. Physiol. 88(5:185-187(1987).
-!- SUBCELLULAR LOCATION: Main peptide from the suboesophageal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   01-FEB-1991 (Rel. 17, Created)
01-FEB-1991 (Rel. 17, Last sequence update)
01-FEB-1991 (Rel. 17, Last sequence update)
05-UTL-2004 (Rel. 44, Last annotation update)
Suboesophageal ganglion pentapeptide.
Acheta domesticus (House cricket).
Bukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
Neoptera; Orthopteroidea; Orthoptera; Ensifera; Gryllinae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0; Gaps
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             30-MAY-2000 (Rel. 39, Created)
30-MAY-2000 (Rel. 39, Last sequence update)
30-Jul-2004 (Rel. 44, Last amnotation update)
95-Jul-2004 (Rel. 44, Last amnotation update)
Pardaxin II (PXII) (Fragment).
Pardachirus marmoratus (Red sea moses sole).
Pardachirus meranayani, Teleostei, Euteleostei, Neoteleostei, Acanthomorpha; Acanthopterygii, Percomorpha; Pleuronectiformes;
                                                                                                                                                                                                                                                                                                                                                         J. Biol. Chem. 261:16704-16713(1986).
-!- FUNCTION: Exhibits unusual shark repellent and surfactant properties. Forms voltage-dependent, ion-permeable channels in membranes. At high concentration causes cell membrane lysis.
-!- SUBGNIT: Monomer. In aqueous solution exists as a tetramer.
-!- SUBCLIULAR LOCATION: Secreted.
-!- SIMILARITY: Belongs to the pardaxin family.
Direct protein sequencing; Toxin.
NON TER 5
SEQUENCE 5 AA, 614 MW; 7769C9CGC8100000 CRC64;
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PIR; JS0319; JS0319.
Direct protein sequencing.
SEQUENCE 5 AA; 476 MW; 69D76DDDDB00000 CRC64;
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Best Local Similarity
                                                                                                                                                                                      NCBI_TaxID=31087;
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NCBI_TaxID=6997;
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Sequence 12, Application US/09911129B
Patent No. 6703364
GENERAL INFORMATION:
APPLICANT: Cleveland State University
APPLICANT: Cleveland State University
APPLICANT: Mann, Kenneth G.
TITLE OF INVENTION: Thrombin Generation Inhibitor
FILE REFERENCE: 27433/04004
CURRENT APPLICATION NUMBER: US/09/911,129B
CURRENT FILING DATE: 2002-03-19
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin version 3.1
US-09-839-542B-323
US-09-839-542B-2134
US-08-325-509-51
US-08-346-486-11
US-08-340-045-1
US-08-290-448A-1
US-08-290-448A-1
US-08-463-308-11
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US-08-691-997-1
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US-08-61-33B-1
US-08-64-000-1
US-08-464-000-1
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US-09-839-542B-322
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Best Local Similarity 100.
Matches 5; Conservative
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US-09-911-129B-12
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                                                                                                                                     September 10, 2005, 01:08:05 ; Search time 41 Seconds (without alignments) 9.104 Million cell updates/sec
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US-08-403-718-7
US-08-619-462-7
US-08-67-001-21
US-08-67-001-21
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US-08-660-37
US-08-893-045-37
US-08-893-045-37
US-08-891-632-31
US-09-187-859-1725
US-09-187-859-1725
US-09-611-451-31
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US-09-839-542B-1725
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 0.5
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APPLICANT: RATHJEN, Deborah
APPLICANT: WIDMER, Fred
TITLE OF INVENTION: Peptide T and Related Peptides in the
TITLE OF INVENTION: Treatment of Inflammation, Including Multiple Sclerosis
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: BANNER & ALIFORMATION
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/302,829
FILING DATE: 29-MAR-1993
CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/GB93/00649
FILING APPLICATION DATA:
APPLICATION NUMBER: WO PCT/GB93/00649
FILING APPLICATION DATA:
APPLICATION NUMBER: WO 07/987,674
FILING APPLICATION NUMBER: US 07/987,674
FILING APPLICATION NUMBER: US 07/915,118
FILING APPLICATION DATA:
APPLICATION NUMBER: DK 645/92
FILING APPLICATION DATA:
APPLICATION NUMBER: DK 645/92
FILING APPLICATION DATA:
APPLICATION NUMBER: US 07/915,118
FILING APPLICATION DATA:
APPLICATION NUMBER: US 07/915,118
FILING DATE: 14-MAY-1992
FILING DATE: 14-MAY-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       61.5%; Score 16; DB 1; I
50.0%; Pred. No. 4.1e+05;
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Fatent No. 5763406
GENERAL INFORMATION:
APPLICANT: PEDESEN, Ove
APPLICANT: MACFADDEN, D.
TITLE OF INVENTION: Peptides for Treatment
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Allegretti, Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2; Mismatches
                                                                                                                                                                                                                                                          ADDRESSEE: BANNER & ALLEGRETTI, LTD.
STREET: 10 S. Wacker Drive
CITY: Chicago
STATE: 111inois
COUNTRY: USA
ZIP: 6666
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Banner & Allegretti, Ltd. STREET: 10 South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: MCDORNEIL, John J
REGISTRATION NIMBER: 26949
REFERENCE, POCKET NUMBER: 94
TELECOMMUNICATION INFORMATION: 312-715-1000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: 312-715-1234
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Best Local Similarity 50.0
Matches 2; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: both
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: amino acid STRANDEDNESS: not
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2 DNFS 5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
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                                                                                                                           Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: FAIM SIMEANCE.

NUMBER OF SEQUENCES:

CORRESPONDENCE ADDRESS:

ADDRESSEE: JULES B. GOLDBERG
STREET: 261 MADISON AVENUE
CITY: NEW YORK
COUNTRY: USA
ZIP: 10016-2391
COMPUTER: IBW PC COMPATIBLE
COMPUTER: IBW PC COMPATIBLE
COMPUTER: IBW PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
COMPUTER: OB-FEB-1995
COMPUTER: OB-FEB-1995
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/385,443
FILING DATE: 08-FEB-1995
CLASSIFICATION 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/367,523
FILING DATE: 23-MAY-1993
ATTORNEY/AGENT INFORMATION:
REFERENCE/DOCKET NUMBER: 24,408
REFERENCE/DOCKET NUMBER: 24,008
REFERENCE/DOCKET NUMBER: ADVANCED PEPTIDES PS
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-986-4999
INFORMATION FOR SEQ ID NO: VE: SEQUENCE CHARACTERISTICS:
LENGTH: SECUENCE CHARACTERISTICS:
LENGTH: SEQUENCE CHARACTERISTICS:
LENGTH: SECUENCE CHARACTERISTICS:
LENGTH: LENGTH: LENGTH: LEN
                                                                                                                                                                                                                                                                                                                                                                                      Sequence 4, Application US/08385443
Patent No. 5534495
GENERAL INFORMATION:
APPLICANT: PERT, CANDANCE B.
APPLICANT: RUFF, MICHAEL R.
TITLE OF INVENTION: TREATMENT OF NON-HIV NEUROPATHIC
TITLE OF INVENTION: PAIN SYNDROMES
                                                                                             60.0%; Pred. No. 4.1e+05;
tive 1; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 7, Application US/08302829
Patent No. 5756449
GENERAL INFORMATION:
APPLICANT: ANTON, Roger
APPLICANT: CARLEN, Peter L
APPLICANT: MATON, Peter L
APPLICANT: MATON, Peter L
APPLICANT: DOOB, Penelope R
APPLICANT: MACFADDAEN, DOUGlas K
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DOOB, Penelope R
MacFADDAEN, Douglas K
PHIPPS, David J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SS: not relevant not relevant
                                                                                                                                 3; Conservative
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Best Local Similarity
Matches 2; Conserv
                                                                                                   Best Local Similarity
                                                                                                                                                                                        1 LDNFS 5
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DNYT 5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2 DNFS 5
                                                                                                                                                                                                                                                                                                                                         RESULT 3
US-08-385-443-4
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                                                                                                                                 Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: MICHABLIS, JUNGEN
APPLICANT: Trigg, Timothy Elliot
TITLE OF INVENTION: METHOD FOR THE TREATMENT OR PREVENTION OF
TITLE OF INVENTION: BCZEMA/DERMATITIS
                                                                                                                                                                                                                                          Score 16; DB 1; Length 5;
Pred. No. 4.1e+05;
2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     61.5%; Score 16; DB 1; Length 5; 50.0%; Pred. No. 4.1e+05; ive 2; Mismatches 0; Indel8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CUNTRY: AKLINGSION
COUNTRY: U.S.A.
COUNTRY: U.S.A.
CONPUTER: ELSDABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Ploppy disk
COMPUTER: Ploppy disk
COMPUTER: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/619,462
FILING DATE: 07-MAY-1996
CLASSIFICATION: SIA
ATTORNEY/AGENT INFORMATION:
NAME: MITCHARD, LEONARD C.
REGISTRATION NUMBER: 29,009
REFERENCY/DOCKET NUMBER: 47-84
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFRAX: (703) 816-4100
TELEFRAX: (704) 816-4100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSER: NIXON & VANDERHYE P.C.
STREET: 1100 NORTH GLEBE ROAD
CITY: ARLINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 21, Application US/08667001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 7, Application US/08619462
Patent No. 5798335
                                                                                                                                                                                                                                            61.5%;
  TELEFAX: (704) 816-4100 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                          Query Match
Best Local Similarity 50.0
Matches 2; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Similarity 50.0
Matches 2; Conservative
                                                                            5 amino acids
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                                                                                                                                            TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-403-718-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: peptide
                                                                                                TYPE: amino acid STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: amino acid STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               linear
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2 DNYT 5
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2 DNYT 5
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US-08-619-462-7
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APPLICANT: MICHAELIS, JURGEN
APPLICANT: MICHAELIS, JURGEN
TITLE OF INVENTION: TREATMENT OR PREVENTION OF CROHN'S; TITLE OF INVENTION: DISEASE AND/OR ULCERATIVE COLITIS; NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS: ADDRESSE: ADDRESSE: NIXON & VANDERHYE P.C.
STREET: 1100 NORTH GLEBE ROAD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        61.5%; Score 16; DB 1; Length 5; 50.0%; Pred. No. 4.1e+05; Live 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SIREAL: ILON NORTH GLEBE KOAD
CITY: ARLINGTON
STATE: VIRGINIA
COUNTRY: U.S.A.
ZIP: 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/403,718
FILING DATE: 31-MAR-1995
CLASSIFICATION: S14
ATTORNEY/AGENT INFORMATION:
NAME: MITCHARD, LEONARD C.
REGIGTRATION NUMBER: 29,009
REFERENCE/POCKET NUMBER: 29,009
REFRENCE/COMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 816-4000
                                                                                      COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy Disk, 3.50 inch
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/481,840A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION WUMBER: 08/107,777
FILING DATE: 24-NOV-1993
ATTONNEY, AGENT INFORMATION:
NAME: Iwanicki, John P
REGISTRATION NUMBER: 34,628
REFERENCE/DOCKET NUMBER: 93,741-A
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION 1NFORMATION:
TELECOMMUNICATION 1NFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: 617-345-9111
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 61.5
Best Local Similarity 50.0
Matches 2; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        5 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: Linear
MOLECULE TYPE: peptide
Chicago
: Illinois
RY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: amino acid STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ||::
2 DNYT 5
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  CITY: Ch.
STATE: I.
COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-481-840A-5
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Sequence 37, Application US/08705660
| Patent No. 5858683
| GENERAL INFORMATION:
| APPLICANT: OBAR, ROBERT
| APPLICANT: WI, YING-UTE
| TILLE OF INVENTION: DETECTION OF CERVICAL CANCER
| TITLE OF INVENTION: DETECTION OF CERVICAL CANCER
| NUMBER OF SEQUENCES: 46
| CORRESPONDENCE ADDRESS: ADDRESSE: ADDRESSE: Testa, Hurwitz & Thibeault
| STREET: 125 High St.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           61.5%; Score 16; DB 2; Length 5; 100.0%; Pred. No. 4.1e+05;
MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     100.0%; Preu. ...
                                                                            OPERATING SYSTEM: k-L-DUCA/RDC
SOFTWARE: parin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/441,871
FILING DATE: 16-MAY-1995
CLASSIFICATION NUMBER: 08/18928
FILING DATE: 05-APR-1995
FILING DATE: 05-APR-1995
FILING DATE: 05-APR-1995
FILING DATE: 05-APR-1993
FRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/084452
FILING DATE: 03-DEC-1993
APPLICATION NUMBER: PCT/US91/09133
FILING DATE: 03-DEC-1991
APPLICATION NUMBER: 07/743614
FILING DATE: 03-DEC-1991
APPLICATION NUMBER: 07/743614
FILING DATE: 03-DEC-1991
APPLICATION NUMBER: 07/715300
FILING DATE: 03-DEC-1991
APPLICATION NUMBER: 07/683400
FILING DATE: 03-DEC-1990
APPLICATION NUMBER: 07/683400
FILING DATE: 03-DEC-1990
APPLICATION NUMBER: 07/683400
FILING DATE: 03-DEC-1990
ATTONEY/AGENT INFORMATION:
NAME: Winter, DATY: B.
FILING DATE: 03-DEC-1990
ATTONEY/AGENT INFORMATION:
TELEPONE: 415/952-981
TELECOMMUNICATION INFORMATION:
TELEPONE: 415/952-981
TELEST: 910/371-7168
INFORMATION FOR SEQ ID NO: 146:
SECUENCE CHARACTERISTICS:
***CHARACTERISTICS:
***CH
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Best Local Similarity 100.5
..._hes 3; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: amino acid;
TOPOLOGY: linear
US-08-441-871-146
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 10
US-08-705-660-37
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Sequence 146, Application US/08441871
Sequent No. 5846765
GENERAL INFORMATION;
APPLICANT: Matthews, David J.
APPLICANT: Matthews A.
APPLICANT: Coller, Mark J.
TITLE OF INVENTION: Identification of No. 5846765el Substrates NUMBER OF SEQUENCES: 152
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
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0
                                   GENERAL INFORMATION:
APPLICANT: Janda, Kim D.
APPLICANT: Janda, Kim D.
APPLICANT: Wirsching, Peter
TITLE OF INVENTION: HIV-1 PROTEASE INHIBITOR
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSES: THE SCRIPPS RESEARCH INSTITUTE
STREET: 1066 No. 5827827th Torrey Pines Road, TPC-8
CITY: La Jolla
STATE: California
COUNTRY: US
ZIP: 92037
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: /note= "sequence = P1-Pn of formula; OTHER INFORMATION:
US-08-667-001-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 5;
                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER EADABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/667,001
FILING DATE: 20-JUN-1996
CLASSIFICATION DATA:
APPLICATION NUMBER: US 08/335,039
FILING DATE: 16-FEB-1995
ATTORNEY/AGENT INFORMATION:
NAME: Lewis, Donald G.
REGISTRATION NUMBER: 28,636
REGISTRATION NUMBER: 28,636
REGISTRATION NUMBER: 28,636
REGISTRATION SEQUENCE (619) 554-2937
TELECPHONE: (619) 554-2937
TELEFRICH FOR SEQ ID NO: 21: SEQUENCE CHARACTERISTICS:
LEMOTH: Samino acids
LEWGTH: Samino acids
LEWGTH: Samino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 16; DB 2; Le
Pred. No. 4.1e+05;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: peptide
FRAGMENT TYPE: internal
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 94080
COMPUTER READABLE FORM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: Peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   amino acid
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Gaps

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Sequence 12.2. Application US/08989045
Fatent No. 6027905
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: KEESER, SUSAN
APPLICANT: WU, YING-UYE
ITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE
ITLE OF INVENTION: DETECTION OF CERVICAL CANCER
NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
ADDRESSEE: Testa, Hurwitz & Thibeault
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      61.5%; Score 16; DB 3; Length 5; 50.0%; Pred. No. 4.1e+05;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FO Compatible
OPERATING SYSTEM: FC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
FILLIG DATE:
FLILIG DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MTP-023 (8395/27)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             B: Testa, Hurwitz & Thibeault
125 High St.
                                             FILING DATE: 09-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/915,118
FILING DATE: 17-UUL-1992
PRIOR APPLICATION NUMBER: BK 645/92
FILING DATE: 14-WAY-1992
FILING DATE: 14-WAY-1992
FILING DATE: 27-WAR-1992
ATTORNEY/AGENT INFORMATION:
NAME: DFEAKOFF, W. DEMILS
REFERENCE/DOCKET NUMBER: 27193
REFERENCE/DOCKET NUMBER: 27193
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/987,674
FILING DATE: 09-DEC-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGERT INFORMATION:
NAME: GREENHALGH, DUNCAN A
REGISTRATION NUMBER: 38.678
REFRENCE/DOCKET NUMBER: MTP-C
TELECOMMUNICATION INFORMATION:
TELEFHONE: (617) 248-7000
TELEFAX: (617) 248-7000
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-715-1000
TELEFAX: 312-715-1234
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: amino acid
STRANDEDNESS: not relevant
                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: 312-715-1234
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 61.5
Best Local Similarity 50.0
Matches 2, Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STREET: 125 m. CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ||::
2 DNYT 5
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ZIP: 02110
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US-08-989-045-37
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APPLICANT: DOOB, PENGLOGE R
APPLICANT: PHIPPS, David J
APPLICANT: RATHJEN, Deborah
APPLICANT: RATHJEN, Deborah
APPLICANT: RATHJEN, Peptide T and Related Peptides in the Treatment of
ITILE OF INVENTION: Peptide T and Related Peptides in the Treatment of
ITILE OF INVENTION: Inflammation, Including Multiple sclerosis
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE BANNER & WITCOFF, LTD.
STREET: 10 S. Wacker Drive
COUNTRY: USA
COUNTRY: USA
COMPUTER: RADABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTER: DOSS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION NUMBER: US/09/082,837A
FILING DATE: 21-UNJ-1998
PRIOR APPLICATION NUMBER: US 08/302,829
FILING DATE: 29-MRR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/GB93/00649
FILING DATE: 29-MRR-1993
FRIUNG DATE: 29-MRR-1993
FRIUNG DATE: 29-MRR-1993
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                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/705,660
                                                                                                                                                                                FILING DATE:
CLASSIFICATION: 424
ATTORNATION: ADMENTION:
NAME: GREENHALGH, DUNCAN A
REGISTRATION NUMBER: 38,678
REFERENCE/DOCKET NUMBER: MTP-023 (8395/27)
TELEPHONE: (617) 248-7000
TELEPHONE: (617) 248-7100
TELEFAX: (617) 248-7100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 7, Application US/09082837A Patent No. 6011014
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: ANDERSEN, Anders J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 100.
Matches 3; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 5 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear
MOLECULE TYPE: peptide
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US-09-082-837A-7
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Gaps

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GENERAL INFORMATION:

APPLICANT: Barbas, Carlos F.
APPLICANT: Burton, Dennis R.
APPLICANT: Burton, Dennis R.
APPLICANT: Lerner, Righard A.
TITLE OF INVENTION: SYNTHETIC HUMAN INMUNODEFICIENCY VIRUS VITUE OF INVENTION: ANTIBODIES TO HUMAN IMMUNODEFICIENCY VIRUS NUMBER OF SEQUENCES: 92
CORRESPONDENCE ADDRESS: 792
CORRESPONDENCE ADDRESS: 702
ADDRESSEE: Patent Counsel STREET: 10550 No. 6261558th Torrey Pines Road, TPC 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             61.5%; Score 16; DB 3; Length 5; llarity 100.0%; Pred. No. 4.1e+05; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: Floppy disk
COMPUTER: Floppy disk
COMPUTER: IN PC Compatible
COMPUTER: IN PC Compatible
COMPUTER: DATE: Floppy disk
COMPUTER: DATE: DA
                                                                                                                                                                                                                                             ; Sequence 31, Application US/08591632; Patent No. 6261558
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-421-845-7; Sequence 7, Application US/09421845; Patent No. 6265374
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (619) 784-9399
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: (619) 784-9395
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        , MOLECULE TYPE: protein US-08-591-632-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
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                                     NFS 5
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                                                                                                                                                                                 RESULT 14
US-08-591-632-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE:
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                                                                                                                                                                                                                                                                                      Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 20, Application US/08591632
Patent No. 6261558
GENERAL INFORMATION:
APPLICANT: Barbas, Carlos F.
APPLICANT: Burton, Dennis R.
TITLE OF INVENTION: SYMTHETIC HUMAN NEUTRALIZING MONOCLONAL TITLE OF INVENTION: ANTIBODIES TO HUMAN IMMUNOBFICIENCY VIRUS NUMBER OF SEQUENCES: 92
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ;
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                                                                                                                                                                                                                       Query Match 61.5%; Score 16; DB 3; Length 5; Best Local Similarity 100.0%; Pred. No. 4.1e+05; Matches 3; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                   0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: The Scripps Research Institute, Office of ADDRESSEE: The Scripps Research Institute, Office of STREET: 10550 No. 6261558th Torrey Pines Road, TPC 8 CITY: La Jolla CATE: CA COUNTRY: USA ZIP: 92037
                                                                                                                                                                                                                                                                                                                                           L DNAR = PSA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READBALE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPACTIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/591,632
FILING DATE: 19-OCT-1994
PRIOR APPLICATION NUMBER: PCT-1994
PRIOR APPLICATION NUMBER: BCT-1994
PRIOR APPLICATION NUMBER: US 08/308,841
FILING DATE: 19-SEP-1994
PRIOR APPLICATION NUMBER: US 08/33,619
FILING DATE: 26-APR-1994
PRIOR APPLICATION NUMBER: US 08/133,619
FILING DATE: 26-APR-1994
PRIOR APPLICATION NUMBER: US 08/139,409
FILING DATE: 19-OCT-193
ATTORNEY/AGENT INFORMATION:
NAME: Fitting, Thomas
REGISTRATION NUMBER: 34,163
REGISTRATION NUMBER: TERI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TSRI 332.3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE: (619) 784-293
TELEFAX: (619) 784-9399
INFORMATION FOR SEQ ID NO: 3
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: protein
                                                                                              TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-989-045-37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               amino acid
                                                                                                                                                                                                                                                                                                                                                  1 LDN 3
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Gaps

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GENERAL INFORMATION:

APPLICANT: Jorgensen

APPLICANT: Aston

APPLICANT: Carlen

APPLICANT: Carlen

APPLICANT: Carlen

APPLICANT: Doob

APPLICANT: MacFadden

APPLICANT: MacFadden

APPLICANT: Midmer

TITLE OF INVENTION: Inflammation

TITLE OF INVENTION: Inflammation

CURRENT APPLICATION NUMBER: US/09/421,845

CURRENT APPLICATION NUMBER: US/082,837

PRIOR FILING DATE: 1998-05-21

NUMBER OF SEQ ID NOS: 11

SOFTWARE: PRIOR APPLICATION

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
61.5%; Score 16; DB 3; Length 5;
Best Local Similarity 50.0%; Pred. No. 4.1e+05;
Matches 2; Conservative 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Search completed: September 10, 2005, 01:16:29 Job time : 42 secs
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2 DNYT 5
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